

IPR reporting dataを見つめる

5JW 飯星 陽平

公式の分析ツール

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[ETSI Power BI report](#)から、企業毎の宣言数が確認可能である。

IPR reporting dataにおける各レコードの内容

IPRD_ID	2381	WOIT_REFERENCE	RTS/TSGR-0236300vc40	Illustrative_Part	Section 4.9, 6.1.2.2, 6.1.3.2, 6.5, 7.6, 10.1.2.8.1
IPRD_REFERENCE	ISLD-201608-010	WOIT_VERSION	12.4.0	DIPG_PATF_ID	20438
IPRD_SIGNATURE_DATE	2016/8/31	3GPP_Type	TS	Original_Application_Number	-1
Reflected_Date	2016/10/6	TGPP_NUMBER	36.3	Original_Publication_Number	-1
COMP_LEGAL_NAME	NTT DOCOMO INC	TGPV_VERSION	12.4.0	Explicitely_Disclosed	1
DECL_IS_PROP_FLAG	1	Patent_Type	Family Member	Normalized_Patent	1
LICD_DEC_PREP_TO_GRANT_FLAG	1	PATT_APPLICATION_NUMBER	CN2013832490	2G	0
LICD_REC_CONDI_FLAG	1	PUBL_NUMBER	CN104396293 A	3G	0
DIPG_ID	43483	PBPA_TITLEEN	Radio communication system and base station	4G	1
DIPG_DISPLAY_NUMBER	1	PBPA_PRIORITY_NUMBERS	JP20120140900 WO2013JP63391	5G	0
DIPG_EXTERNAL_ID	-1	Country_Of_Registration	CN CHINA		
Standard	TS 136 300 (RTS/TSGR-0236300vc40) version 12.4.0 -- 3GPP TS 36.300 version 12.4.0	PBPA_APP_DATE	2013/5/14		
Ess_To_Standard	1	ETPR_ID	876		
WI_Type	TS	ETPR_ACRONYM	3GPP-Release-12 GSM Phase 2+ and UMTS/LTE/LTE-Advanced release 12		
WOIT_ETSI_DELIVERABLE_NUMBER	136 300	Ess_To_Project	1		

IPR宣言の番号（IPRD_REFERENCE）、特許文献の番号（PUBL_NUMBER）、優先権を主張している文献番号（PBPA_PRIORITY_NUMBERS）なども確認可能。

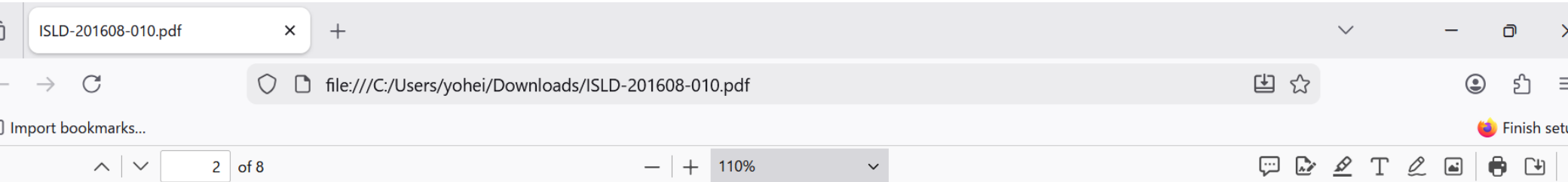
分析の基準を考える

IPRD_ID	2381	2381	2381	2381
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IPRD_SIGNATURE_DATE	2016-08-31	2016-08-31	2016-08-31	2016-08-31
COMP_LEGAL_NAME	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC
DIPG_ID	43483	43483	43483	43483
Patent_Type	Family Member	Family Member	Basis Patent	Family Member
PATT_APPLICATION_NUMBER	CN2013832490	WO2013JP63391	JP20120140900	US201314406757
PUBL_NUMBER	CN104396293 A	WO2013190929 A1	JP2014007500 A JP5758352 B2	US2015172963 A1 US9344922 B2
PBPA_PRIORITY_NUMBERS	JP20120140900 WO2013JP63391	JP20120140900	JP20120140900	JP20120140900 WO2013JP63391
Country_Of_Registration	CN CHINA	WO Patent Cooperation Treaty	JP JAPAN	US UNITED STATES
PBPA_APP_DATE	2013-05-14	2013-05-14	2012-06-22	2013-05-14
ETPR_ID	876	876	876	876
DIPG_PATF_ID	20438	20438	20438	20438

DIPG_ID (IPRデータベースにおける開示特許グループの一意の数値識別子) を基準に、分析する。(宣言書の付属書における1つの開示「ブロック」に対応する。)

IPR INFORMATION STATEMENT AND LICENSING DECLARATIONの内容

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Page 2 (version 11)

IPR Declaration reference **ISLD-201608-010**

ETSI Rules of Procedure, 20 April 2016

IPR Information Statement Annex

STANDARD, TECHNICAL SPECIFICATION or ETSI Work Item				Proprietor	Application No.	Publication No.	Patent/ApplicationTitle	Country of registration	FURTHER INFORMATION		
Project or Standard name	Work Item or Standard No.	Illustrative Specific part of the standard (e.g. Section)	Versio n (V.X.X. X)						Other members of this PATENT FAMILY, if any *		
									Application No.	Publication No.	Country of registration
3GPP-Release-12	TS 136 300	Section 4.9, 6.1.2.2, 6.1.3.2, 6.5, 7.6, 10.1.2.8.1	12.4.0	NTT DOCOMO, INC.	JP20120140900	JP5758352 B2	RADIO COMMUNICATION SYSTEM AND BASE STATION	JAPAN	CN2013832490	CN104396293 A	CHINA
	TS 36.300	Section 4.9, 6.1.2.2, 6.1.3.2, 6.5, 7.6, 10.1.2.8.1	12.4.0						US20131440675 7	US9344922 B2	UNITED STATES
									WO2013JP6339 1	WO2013190929 A1	Patent Cooperation Treaty
3GPP-Release-12	TS 136 300	Section 4, 7.6, 8.2, 10.1.2.8.1 Section 5.5.5, 6.3.4, 6.3.5	12.4.0	NTT DOCOMO, INC.	JP20120150810	JP5758354 B2	WIRELESS COMMUNICATION SYSTEM	JAPAN	CN2013835393	CN104429157 A	CHINA
	TS 136 331		12.4.1						EP20130813298	EP2871913 A4	European Patent Office
	TS 36.300		12.4.0						KR20147036387	KR20150029652 A	KOREA (REPUBLIC OF)
	TS 36.331		12.4.1						US20131440881 8	US2015156802 A1	UNITED STATES
									WO2013JP6353 7	WO2014006982 A1	Patent Cooperation Treaty
3GPP-Release-	TS 136 300		12.4.0	NTT DOCOMO,	JP20120140899	JP5758351 B2	RADIO	JAPAN	CA20132873687	CA2873687 A1	CANADA

ISLD-201608-010という宣言を実際に確認する。

分析の基準を考える

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IPRD_ID	2381	2381	2381	4213	4301	4252	4252	4213
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COMP_LEGAL_ NAME	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC
DIPG_ID	43483	43483	43483	83279	90289	87420	87420	83279
PATT_APPlica TION_NUMBER	CN2013832490	WO2013JP6339 1	JP20120140900	JP20120140900	JP20120140900	US20131440675 7	WO2013JP6339 1	CN2013832490
PUBL_NUMBER	CN104396293 A	WO2013190929 A1	JP2014007500 A JP5758352 B2	JP2014007500 A JP5758352 B2	JP2014007500 A JP5758352 B2	US2015172963 A1 US9344922 B2	WO2013190929 A1	CN104396293 A
PBPA_TITLEEN	Radio communication system and base station	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	Radio communication system and base station
PBPA_PRIORIT Y_NUMBERS	JP20120140900 WO2013JP6339 1	JP20120140900	JP20120140900	JP20120140900	JP20120140900	JP20120140900 WO2013JP6339 1	JP20120140900	JP20120140900 WO2013JP6339 1
Country_Of_Re gistration	CN CHINA	WO Patent Cooperation Treaty	JP JAPAN	JP JAPAN	JP JAPAN	US UNITED STATES	WO Patent Cooperation Treaty	CN CHINA
ETPR_ID	876	876	876	1228	1228	1228	1228	1228
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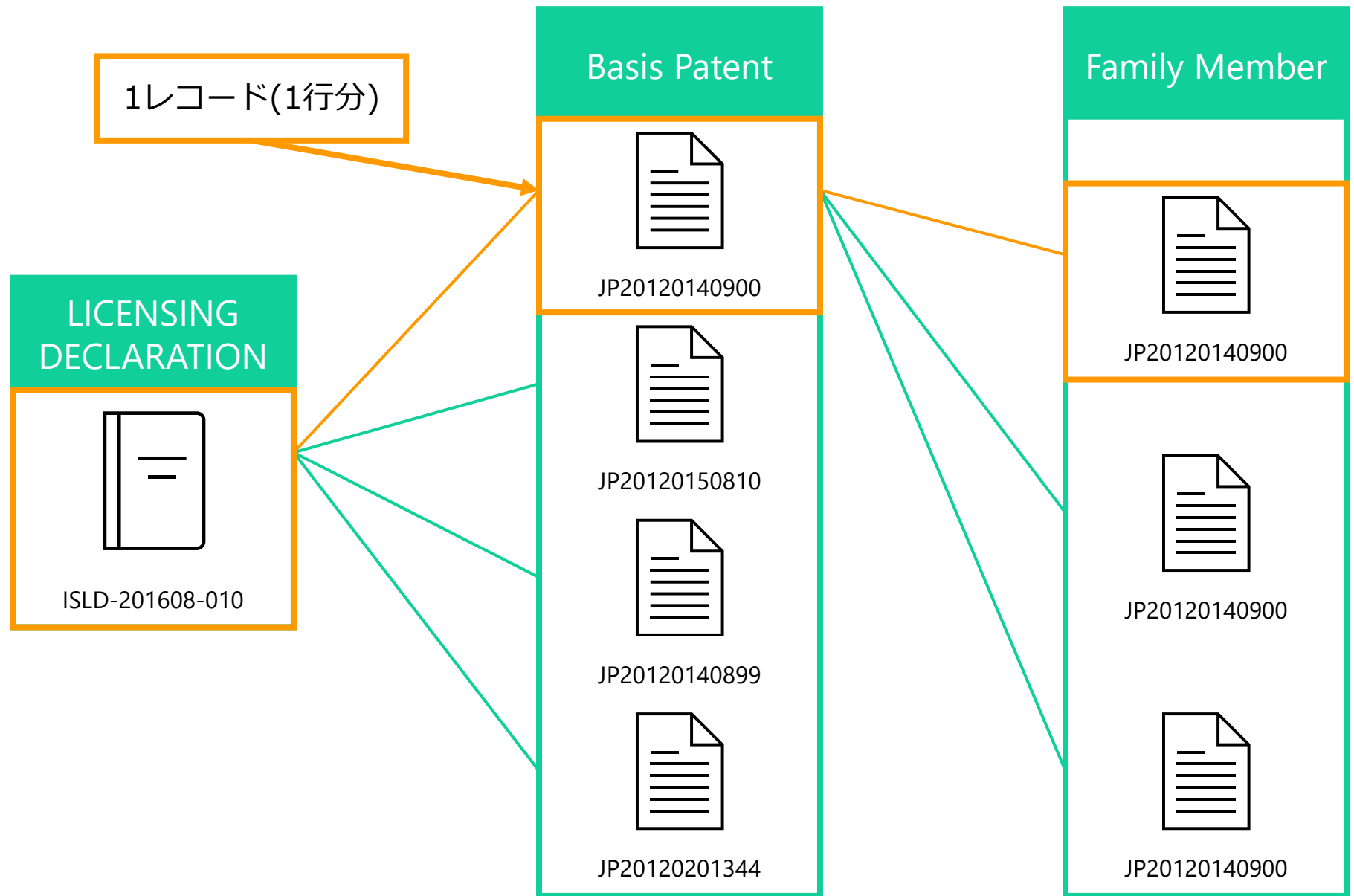
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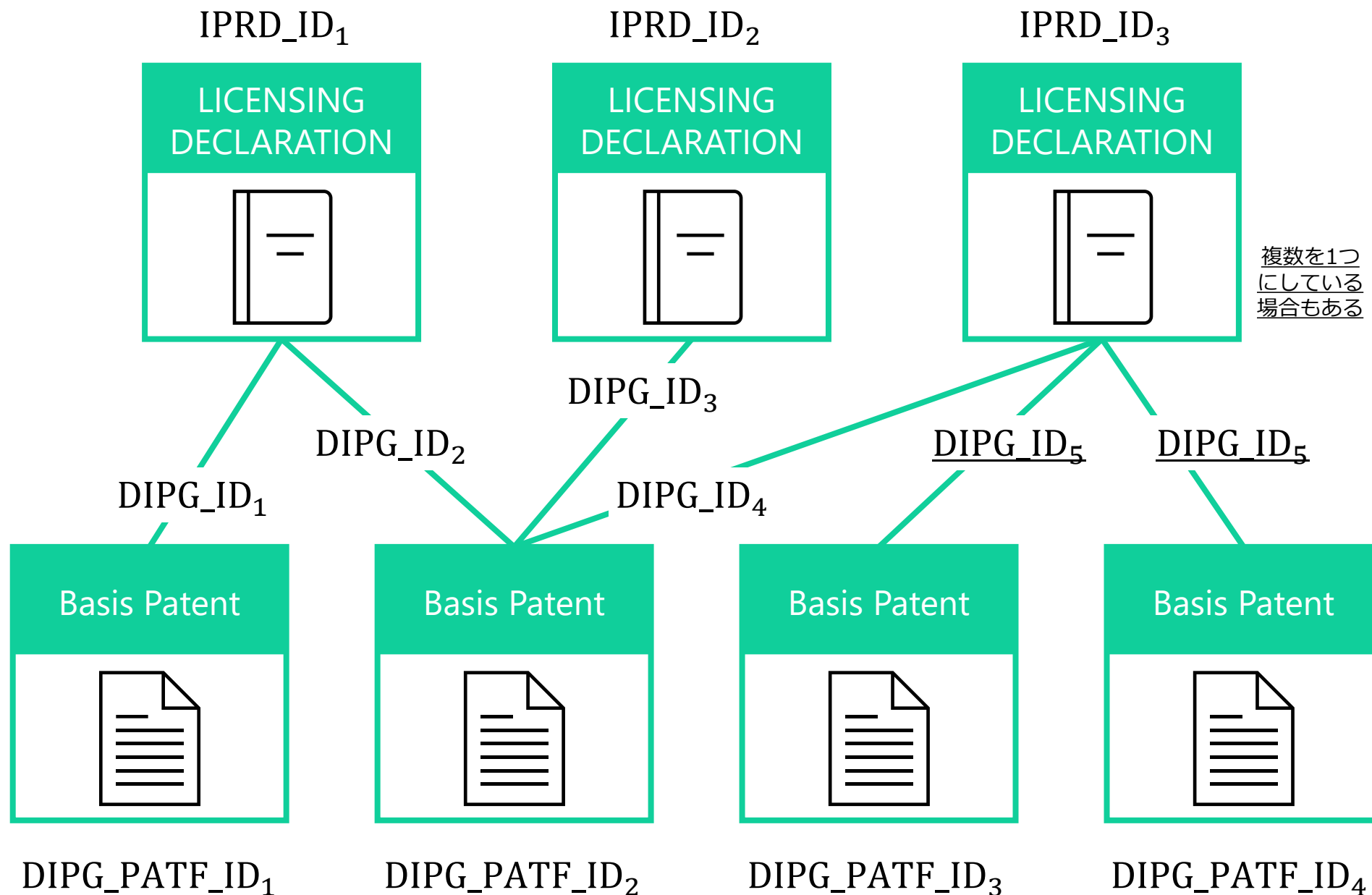
分析の基準を考える

IPRD_ID	4213	4213	4301	4301	4252	2381	4252	4301
IPRD_REFEREN CE	ISLD-201906- 021	ISLD-201906- 021	ISLD-201907- 041	ISLD-201907- 041	ISLD-201907- 008	ISLD-201608- 010	ISLD-201907- 008	ISLD-201907- 041
COMP_LEGAL_ NAME	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC	NTT DOCOMO INC
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PUBL_NUMBER	US2015172963 A1 US9344922 B2	WO2013190929 A1	US2015172963 A1 US9344922 B2	WO2013190929 A1	JP2014007500 A JP5758352 B2	US2015172963 A1 US9344922 B2	CN104396293 A	CN104396293 A
PBPA_TITLEEN	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	RADIO COMMUNICATI ON SYSTEM AND BASE STATION	Radio communication system and base station	Radio communication system and base station
PBPA_PRIORIT Y_NUMBERS	[JP20120140900] WO2013JP6339 1]	[JP20120140900] WO2013JP6339 1]	[JP20120140900] WO2013JP6339 1]	[JP20120140900] WO2013JP6339 1]	[JP20120140900] WO2013JP6339 1]	[JP20120140900] WO2013JP6339 1]	[JP20120140900] WO2013JP6339 1]	[JP20120140900] WO2013JP6339 1]
Country_Of_Re gistration	US UNITED STATES	WO Patent Cooperation Treaty	US UNITED STATES	WO Patent Cooperation Treaty	JP JAPAN	US UNITED STATES	CN CHINA	CN CHINA
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Illustrative_Part	-1	-1	Section 10.2.1	Section 10.2.1	-1	Section 4.9, 6.1.2.2, 6.1.3.2, 6.5, 7.6, 10.1.2.8.1	-1	Section 10.2.1
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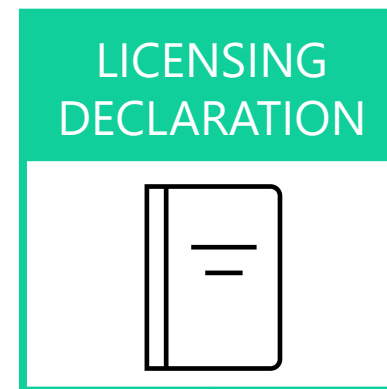
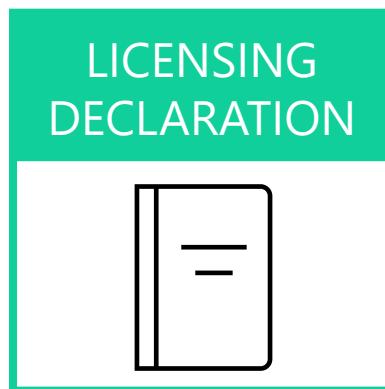
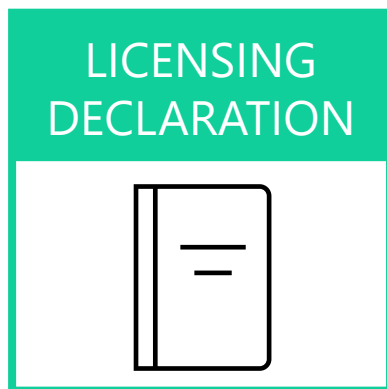
DIPG_PATF_ID (IPR データベース内の開示の ETSI 特許ファミリの一意の数値識別子)を基準に、分析する。

データベースの構造



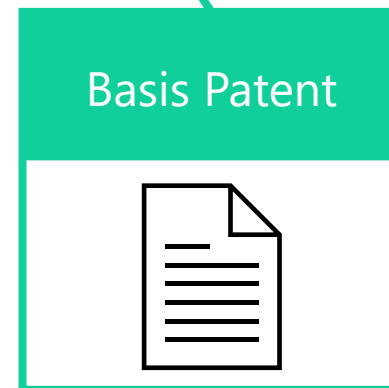
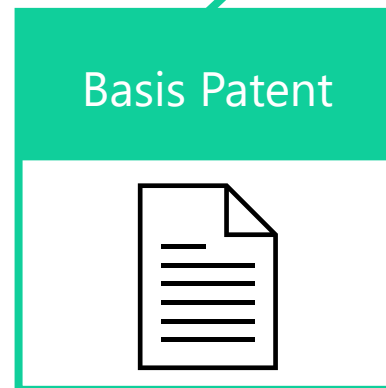
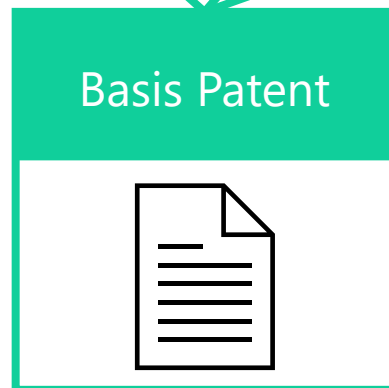
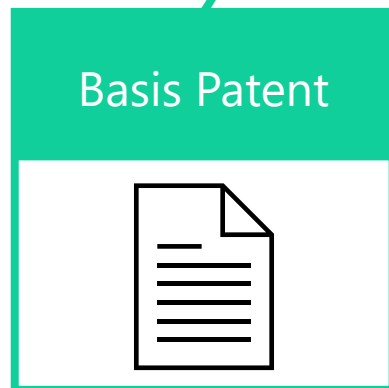


宣言数



グループ数

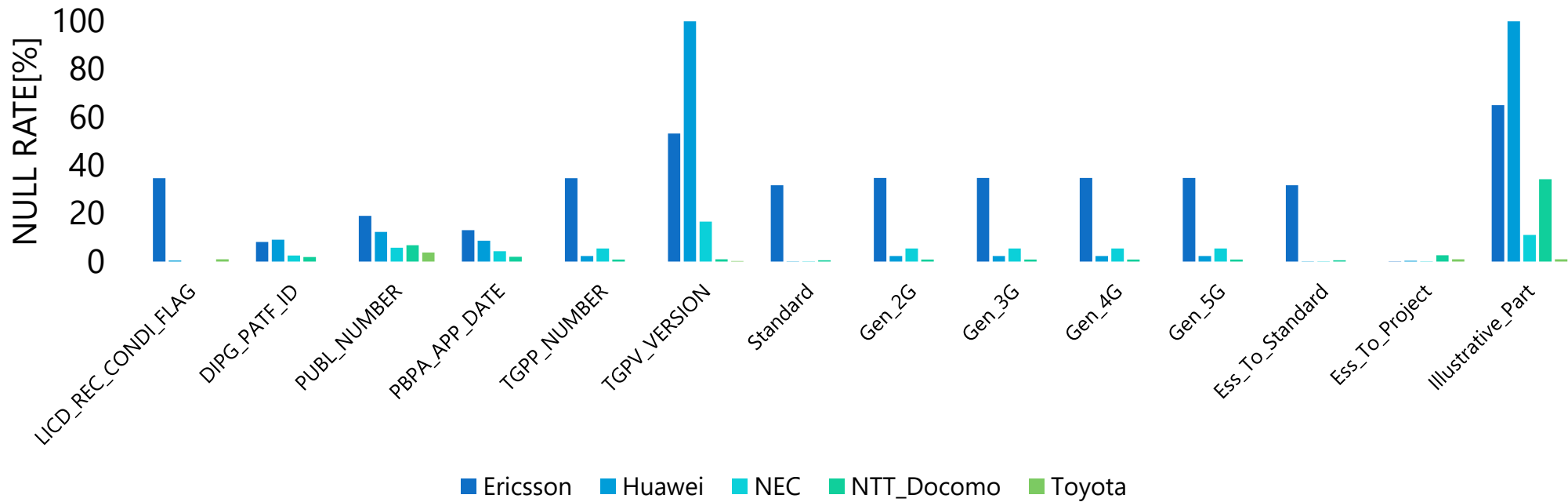
ファミリー数



データ分析をしよう

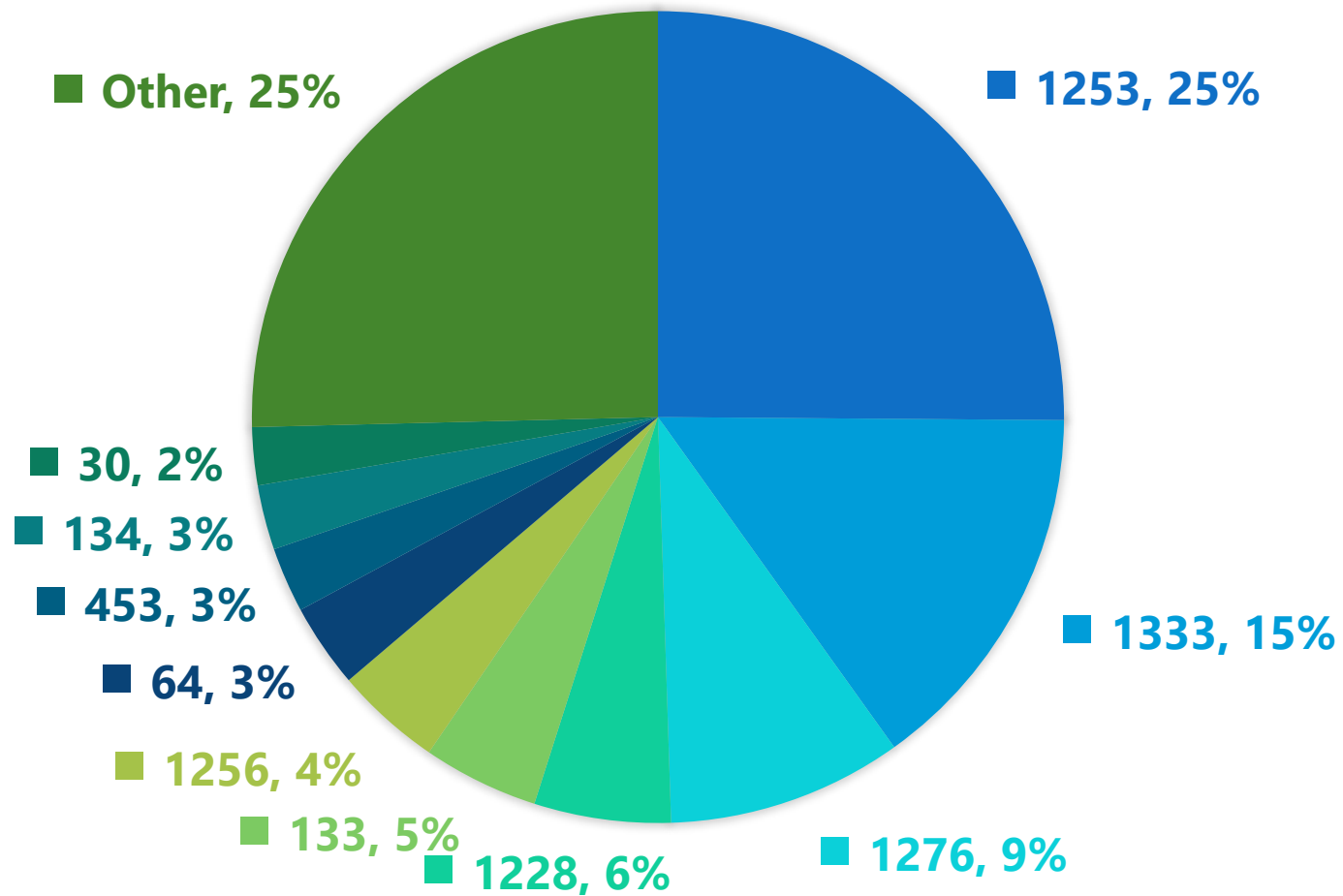
データの信ぴょう性について

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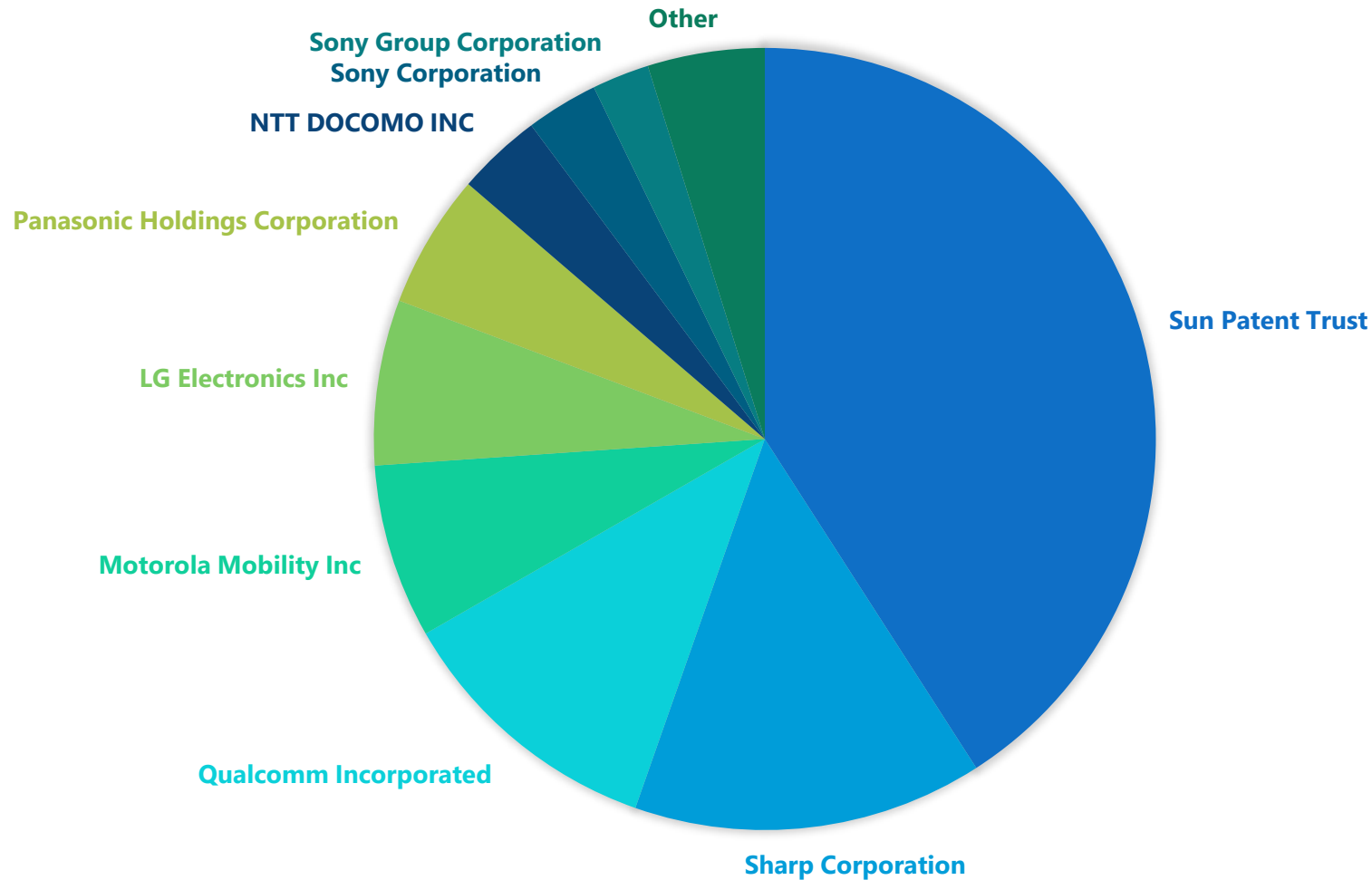
企業間によって、データがNULL（未記入）である割合が異なる。

APPLICATIONS/ETPR_ID



日本における5Gの出願に占める、ETPR_IDの割合。

3GPP-RELEASE-12 | GSM PHASE 2+ AND UMTS/LTE/LTE-ADVANCED RELEASE 12



3GPP-Release-12 | GSM Phase 2+ and UMTS/LTE/LTE-Advanced release 12に関連する宣言をした企業の割合を分析する。(ETPR_ID = 876)

- ETSI, [IPR CSV export file](https://docbox.etsi.org/IPR/Open), <https://docbox.etsi.org/IPR/Open>
- ETSI, [ETSI IPR Reporting Solutions](https://help.etsi.org/index.php?title=ETSI_IPR_Reporting_Solutions), https://help.etsi.org/index.php?title=ETSI_IPR_Reporting_Solutions
- ETSI, [IPR INFORMATION\(ISLD-201608-010\)](https://ipr.etsi.org/IPRDetails.aspx?IPRD_ID=2381&IPRD_TYPE_ID=2&MODE=2), https://ipr.etsi.org/IPRDetails.aspx?IPRD_ID=2381&IPRD_TYPE_ID=2&MODE=2