

The REG125_APPEAL Table

Welcome to a comprehensive exploration of one of the tables in the PATSTAT database: the `REG125_APPEAL` table. This table tracks the appeals filed under the European Patent Convention (EPC), providing insights into the legal process and the progression of patent applications through the appeal stages.

The `REG125_APPEAL` table contains detailed information regarding the appeals filed under the EPC, particularly for appeals related to patent applications. Appeals are part of the legal process outlined under Articles A.108 to A.111 of the EPC, and an individual application may have multiple appeals associated with it.

This data is essential for understanding the appeals process in the European patent system, including the progression and outcomes of appeals, and it is linked to the `REG101_APPLN` table by the ID field, ensuring a connection to the relevant patent applications.

```
In [1]: from epo.tipdata.patstat import PatstatClient
        from epo.tipdata.patstat.database.models import REG125_APPEAL, REG101_APPLN
        from sqlalchemy import select, func, case, select, and_
        patstat = PatstatClient(env='PROD')
        db = patstat.orm()
```

```
In [2]: q = db.query(
    REG125_APPEAL.id,
    REG125_APPEAL.appeal_date,
    REG125_APPEAL.appeal_nr,
    REG125_APPEAL.phase,
    REG125_APPEAL.date_state_grounds_filed,
    REG125_APPEAL.date_interloc_revision,
    REG125_APPEAL.result,
    REG125_APPEAL.result_date,
    REG101_APPLN.appln_nr,
    REG101_APPLN.appln_filing_date
).join(
    REG101_APPLN, REG125_APPEAL.id == REG101_APPLN.id
)
res = patstat.df(q)
res
```

Out[2] :

	id	appeal_date	appeal_nr	phase	date_state_grounds_filed	date_inter
0	83109109	1986-07-05	J0028/86-311	examination		1986-09-06
1	1123196	2004-11-05	J0004/05-3101	examination		2004-11-05
2	85903968	1992-08-22	T0796/92-3401	opposition		1992-11-19
3	91915170	1995-07-05	J0031/95-3101	examination		1995-09-07
4	1972866	2007-05-14	T1604/07-3301	examination		2007-08-24
...
78418	99402676	2008-04-11	T0723/08-3503	opposition		2008-07-28
78419	8854226	2016-03-24	T0729/16-3207	opposition		9999-12-31
78420	10821393	2022-02-24	T0521/22-3304	opposition		9999-12-31
78421	11191647	2016-01-27	T0192/16-3201	opposition		9999-12-31
78422	11191647	2016-01-18	T0192/16-3201	opposition		2016-04-06

78423 rows × 10 columns

Key Fields in REG125_APPEAL Table

ID (Primary Key)

This is the unique identifier for each entry in the `REG125_APPEAL` table. It serves as the primary key when linking the appeal data with other tables, such as `REG101_APPLN`.

APPEAL_DATE (Primary Key)

This attribute indicates the exact date when the appeal was officially filed. It marks the beginning of the appeal process and is crucial for understanding the timeline of the appeal within the patent's legal journey.

APPEAL_NR (Primary Key)

The unique appeal number allocated to the specific appeal case. This number is used to distinguish different appeals filed under the same application or patent family, providing a way to track each appeal individually.

```
In [3]: q = db.query(
    REG125_APPEAL.id,
    REG125_APPEAL.appeal_date,
    REG125_APPEAL.appeal_nr,
    REG101_APPLN.appln_nr,
    REG125_APPEAL.phase,
    REG125_APPEAL.date_state_grounds_filed,
    REG125_APPEAL.date_interloc_revision,
    REG125_APPEAL.result,
    REG125_APPEAL.result_date
).join(
    REG101_APPLN, REG125_APPEAL.id == REG101_APPLN.id
).order_by(
    REG101_APPLN.appln_nr
)

res = patstat.df(q)
res
```

Out[3] :

	id	appeal_date	appeal_nr	appln_nr	phase	date_state_grounds Filed
0	100011	2011-06-14	T1290/11-3403	00100011	opposition	2011-08-13
1	100018	2010-07-29	T1643/10-3506	00100018	opposition	2010-11-12
2	100018	2010-07-27	T1643/10-3506	00100018	opposition	2010-11-19
3	100018	2010-08-20	T1643/10-3506	00100018	opposition	2010-11-24
4	100023	2009-12-23	T2454/09-3207	00100023	opposition	2010-03-01
...
78418	99973881	2007-02-19		99973881	examination	2007-04-24
78419	99973969	2008-04-30	T0876/08-3503	99973969	opposition	2008-07-10
78420	99974141	2010-03-29	T1333/10-3505	99974141	examination	2010-05-28
78421	99974176	2007-08-22	T1385/07-3303	99974176	opposition	2007-10-22
78422	99974203	2015-01-21	T0193/15-3503	99974203	opposition	2015-03-18

78423 rows × 9 columns

PHASE

The phase of the patent procedure in which the appeal was filed. This can include phases such as examination, opposition, revocation, or limitation. Understanding the phase helps in contextualizing the appeal in relation to the patent's progression through the legal process.

```
In [4]: q = db.query(  
    REG125_APPEAL.phase  
).distinct()  
  
res = patstat.df(q)  
res
```

Out[4]:

	phase
0	examination
1	opposition
2	limitation

DATE_STATE_GROUNDSFILED (Primary Key)

The date when the statement of grounds for the appeal was filed. This is a key date that marks the submission of the formal argumentation or reasons why the appellant is seeking a revision of the decision, providing insights into the strategy behind the appeal.

DATE_INTERLOC_REVISION (Primary Key)

The date on which an interlocutory revision occurred during the appeal process. An interlocutory revision is typically a decision taken by the EPO before a final decision is made, allowing some modifications or corrections to be made before the case moves forward.

RESULT (Primary Key)

This field captures the outcome of the appeal. The result is usually represented in clear text, such as "appeal rejected" or "appeal allowed," offering an explicit understanding of the decision made by the appeal body.

```
In [5]: q = db.query(  
    REG125_APPEAL.result  
).distinct()  
  
res = patstat.df(q)  
res
```

Out[5] :

	result
0	CONTINUATION OF EXAMINATION PROCEDURE
1	WITHDRAWAL OF APPEAL OF THE OPPONENT
2	WITHDRAWAL OF APPEAL OF THE APPLICANT
3	WITHDRAWAL OF APPEAL OF THE PATENT PROPRIETOR
4	
5	APPEAL OF OPPONENT REJECTED
6	REVOCATION OF THE PATENT
7	APPEAL OF APPLICANT REJECTED
8	CONTINUATION OF OPPOSITION PROCEDURE
9	MAINTENANCE IN AMENDED FORM
10	APPEAL OF PROPRIETOR REJECTED
11	MAINTENANCE IN UNAMENDED FORM
12	OTHER KIND OF DISPOSAL
13	APPEAL OF PROPRIETOR INADMISSIBLE
14	WITHDRAWAL OF APPLICATION
15	APPLICATION DEEMED TO BE WITHDRAWN
16	REVOCATION OF PATENT AT PROPRIETOR'S REQUEST
17	APPEAL OF OPPONENT INADMISSIBLE
18	REMITTAL FOR GRANT
19	APPEAL OF APPLICANT INADMISSIBLE
20	REJECTION OF APPEAL
21	APPEAL OF PROPRIETOR DEEMED NOT TO BE FILED
22	APPEAL OF OPPONENT DEEMED NOT TO BE FILED
23	INADMISSIBILITY OF APPEAL
24	APPEAL OF APPLICANT DEEMED NOT TO BE FILED
25	ALLOWANCE OF APPEAL
26	WITHDRAWAL OF APPEAL
27	CLOSURE OF THE OPPOSITION PROCEDURE
28	APPEAL DEEMED NOT TO HAVE BEEN FILED
29	T2

RESULT_DATE (Primary Key)

The date when the appeal's outcome was finalized. This is important for understanding when the appeal's result was officially communicated and for tracking the overall length of the appeal process.