B. Unity of invention

1.	Introduction	353
2.	Unity in the context of different types of claims	354
2.1.	Plurality of independent claims	354
2.2.	Dependent claims	356
2.3.	Intermediate products	357
3.	Assessing lack of unity of invention	358
3.1.	General approach – content of claims	358
3.2.	Assessment of lack of unity at the search stage	358
3.3.	Assessment of lack of unity and of requests for refund of further search fees	
	in examination proceedings	360
3.4.	No assessment of lack of unity in opposition proceedings	362
4.	Criteria for determining lack of unity	362
4.1.	Analysis of the technical problem as a precondition	362
4.2.	Examination as to novelty and inventive step	363
5.	The single general inventive concept	364
5.1.	General	364
5.2.	Special technical features and inventive character of the single general	
	concept	366
5.3.	Unity of single claims defining alternatives ("Markush claims")	369
6.	Plurality of inventions – further search fees	371
6.1.	Consequences of non-payment of a further search fee	372
6.2.	Euro-PCT applications	373
6.3.	Applicability of Rule 64, (former) Rule 164(2) EPC or Rule 137(5) EPC	374
6.4.	Dispensing with further search fees	375

1. Introduction

Under <u>Art. 82 EPC</u>, the European patent application must relate to one invention only or to a group of inventions so linked as to form a single general inventive concept. <u>R. 44(1) EPC</u> (cf. <u>R. 30 EPC 1973</u>) gives an interpretation of the concept of unity of invention where a group of inventions is claimed. For international applications the corresponding provisions are <u>Art. 3(4)(iii)</u> and in particular <u>R. 13 PCT</u>.

As stated in <u>T 501/91</u>, the main purpose of <u>Art. 82 EPC</u> is to prevent several unrelated inventions from being dealt with in a single patent application in order to save fees. It also helps to ensure that claimed and granted intellectual property rights are correctly classified. Moreover, it is in the interests of a rational examination procedure that unrelated subject-matter is not lumped together in a single patent application, while related subject-matter should not be needlessly split up (see **T 110/82**, OJ 1983, 274).

Procedural aspects of the assessment of unity, including the payment of further search fees, are governed by R. 64 and 164 EPC (cf. Art. 17(3)(a), R. 40 PCT for the ISA, and Art. 34(3)(a), R. 68 PCT for the IPEA).