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54 **Catalyst for coal liquefaction and process for liquefying coal using the same.**

57 A catalyst for coal liquefaction consisting essentially of at least one substance which is able to be molten metal at 350 to 500°C in an atmosphere of hydrogen can give remarkably high conversion of coal when used as catalyst in a coal liquefaction reaction.

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DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)
X	DE-C- 535 723 (PROGRESS A.G.)  * Page 1, last paragraph - page 2, upper 3 lines; page 2, last paragraph; example 3; claim *	1,3,8, 16,17	C 10 G 1/08 B 01 J 35/12
X	DE-C- 547 536 (PROGRESS A.G.)  * Example; claim *	1,3,8, 9	
X	US-A-1 996 009 (KRAUCH et al.)  * Page 1, right-hand column, lines 3-20; page 2, left-hand column, lines 30-38; claim 1 *	1,2,3, 6,8,11 ,15,16 ,17	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
			C 10 G B 01 J
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 09-12-1985	Examiner DE HERDT O.C.E.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document	