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EUROPEAN PATENT APPLICATION

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⑤④ **Fuel admixture for a catalytic combustor.**

⑤⑦ A fuel admixture for use in a catalytic combustor steam generating plant comprises a non-combustible diluent, e.g. water or carbon dioxide, mixed with carbonaceous fuel in a thermally self-extinguishing mass ratio. In the case of a liquid/liquid mixture, the mixture may be emulsified and may include stabilizers. The mixture preferably has an adiabatic flame temperature below the upper temperature stability limit of the catalyst and above the light-off temperature of the catalyst.

EP 0 072 676 A3



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)
A	US-A-4 335 684 (DAVIS) * Claim 1; column 4, lines 1-6 *	1-3,5-7	C 10 L 1/32 C 10 L 3/00
A	DE-A-2 112 447 (BORSIG) * Claim 1 *	1-3,10	
A	US-A-4 173 455 (FODOR) * Claim 1; column 1, lines 10-13 *	1-3,5-7	
			TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
			C 10 L E 21 B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 07-03-1984	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	