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54 **Electromagnetic energy heating.**

57 There are disclosed methods and apparatus for
increasing the fluidity of hydrocarbon fluids, by ap-
plying to those fluids electromagentic energy in the
frequency range of from about 300 megahertz to
about 300 gigahertz.

EP 0 307 003 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 88 11 5385

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. 4)
X	US-A-4 376 034 (WALL) * Claims 1-7; column 3, lines 19-24,55-63; column 5, lines 50-53; column 8, lines 30-55; column 9, line 40 - column 10, line 17 *	1,2	C 10 G 1/00 B 01 J 19/12
D,A	US-A- 31 241 (KLAILA) * Claims 1-26 *	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			C 10 G F 17 D 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 22-06-1989	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			