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(54) Title: FUEL EMULSION AND METHOD OF PREPARATION

(57) Abstract: A fuel emulsion having a three-phase composition, based on at least one hydrocarbon and on water, the fuel emulsion including: a continuous hydrocarbon phase; a phase of cavitation water vapor bubbles dispersed within the continuous hydrocarbon phase; and a phase of water droplets dispersed within the continuous hydrocarbon phase, wherein the emulsion is obtainable by vibroacoustic processing.

# INTERNATIONAL SEARCH REPORT

International application No.

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC: C10L 1/32( 2006.01)

USPC: 44/301,302

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)  
U.S. : 44/301,302

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 4,244,702 A (ALLIGER et al) 13 January 1981 (13.01.1981), see document in its entirety.	1-12
A	US 5,679,236 A (POSCHL) 21 October 1997 (21.10.1997), see document in its entirety.	1-12

Further documents are listed in the continuation of Box C.

See patent family annex.

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"A"	document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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"O"	document referring to an oral disclosure, use, exhibition or other means	
"P"	document published prior to the international filing date but later than the priority date claimed	"&" document member of the same patent family

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