

Title (en)
Emulsifier system

Title (de)
Emulgatorsystem

Title (fr)
Système émulseur

Publication
EP 2189212 B1 20101229 (EN)

Application
EP 08360039 A 20081125

Priority
EP 08360039 A 20081125

Abstract (en)
[origin: EP2189212A1] An emulsifier system (10) includes a mixing pump (30), a water source (20), a water intake regulator (40) for regulating the flow rate of water supplied by the water source (20) to the mixing pump (30), an air intake regulator (50) for regulating the flow rate of air being supplied to the mixing pump (30) for enabling the mixing pump (30) to output a high pressure flow of mixed fluid and gas, and an emulsifier (70) for emulsifying the high pressure flow of mixed fluid and gas outputted by the mixing pump (30) by means of a cavitation effect.

IPC 8 full level
B01F 25/64 (2022.01); **B01J 19/00** (2006.01)

CPC (source: EP US)
B01F 23/232 (2022.01 - EP); **B01F 23/2326** (2022.01 - EP US); **B01F 23/2373** (2022.01 - EP); **B01F 25/45** (2022.01 - EP); **B01F 25/4521** (2022.01 - EP); **B01F 25/45212** (2022.01 - EP); **B01F 25/64** (2022.01 - EP); **B01F 33/70** (2022.01 - EP); **B01F 2101/305** (2022.01 - EP)

Cited by
WO2020089250A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 2189212 A1 20100526; EP 2189212 B1 20101229; AT E493196 T1 20110115; DE 602008004268 D1 20110210

DOCDB simple family (application)
EP 08360039 A 20081125; AT 08360039 T 20081125; DE 602008004268 T 20081125