

Title (en)
HOMOGENIZER DEVICE WITH HORIZONTALLY SUPPORTED SPROCKETS

Title (de)
HOMOGENISATOR -VORRICHTUNG MIT HORIZONTAL GELAGERTEN ZAHNKRÄNZEN

Title (fr)
DISPOSITIF HOMOGENÉISATEUR AVEC DES COURONNES DENTÉES LOGÉES HORIZONTALEMENT

Publication
EP 2035126 A1 20090318 (DE)

Application
EP 07764353 A 20070602

Priority
• DE 2007001008 W 20070602
• DE 202006008820 U 20060603

Abstract (en)
[origin: DE202006008820U1] An apparatus for dispersing and/or homogenizing liquids comprises a vessel (110) with a central bottom outlet (111) leading to a processing unit (120) comprising two independently rotating concentric toothed wheels (130, 140) separated by a predetermined gap through which the liquids pass from a central region (150) to a peripheral region (160). The toothed wheels are driven on horizontal shafts (131, 141) and liquids processed through the toothed wheels can be recycled to an inlet (180) in the bottom of the vessel.

IPC 8 full level
B01F 27/73 (2022.01)

CPC (source: EP US)
B01F 23/41 (2022.01 - EP US); **B01F 25/52** (2022.01 - EP US); **B01F 27/412** (2022.01 - EP US)

Cited by
DE102008049265B4; DE102022101814A1; WO2023144015A1; EP2305370A1

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Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
US 2009175122 A1 20090709; **US 8215824 B2 20120710**; AT E460976 T1 20100415; DE 102007025832 A1 20071227;
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EP 2035126 B1 20100317; JP 2009539609 A 20091119; PL 2035126 T3 20101029; WO 2007140764 A1 20071213

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US 22791007 A 20070602; AT 07764353 T 20070602; DE 102007025832 A 20070913; DE 2007001008 W 20070602;
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