

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 B1 20100317 (DE)

Application

EP 07764353 A 20070602

Priority

- DE 2007001008 W 20070602
- DE 202006008820 U 20060603

Abstract (en)

[origin: US2009175122A1] In the case of a homogenizer device (100) for dispersing and/or homogenizing substances capable of flow, having a container (110) having one or more inlet openings for introducing the substances to be homogenized, which container has a container outlet opening (111) for feeding the substances into a processing unit (120) disposed below the bottom, in a central region of its bottom, which unit contains two gear rims (130, 140), which are mounted to rotate independent of one another, are disposed concentrically and configured in circular shape, and are separated from one another by way of a predetermined interstice, effective homogenization, which can be adapted to a predetermined substance mixture, is achieved in that the drive shafts of a first gear rim (130) and of a second gear rim (140) of the processing unit (120) are disposed perpendicular to the transport direction of the substances that leave the outlet opening, in each instance.

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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DOCDB simple family (publication)

US 2009175122 A1 20090709; US 8215824 B2 20120710; AT E460976 T1 20100415; DE 102007025832 A1 20071227; DE 102007025832 B4 20160114; DE 202006008820 U1 20060817; DE 502007003167 D1 20100429; EP 2035126 A1 20090318; EP 2035126 B1 20100317; JP 2009539609 A 20091119; PL 2035126 T3 20101029; WO 2007140764 A1 20071213

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