

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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