

Title (en)

Apparatus for homogenizing and/or dispersing flowable materials

Title (de)

Vorrichtung zum Homogenisieren und/oder Dispergieren Fließfähiger Stoffe

Title (fr)

Dispositif pour homogénéiser et/ou disperser des matériaux fluides

Publication

EP 1712271 B1 20081119 (DE)

Application

EP 06006605 A 20060329

Priority

DE 102005017075 A 20050413

Abstract (en)

[origin: EP1712271A2] A system for accurate dispensing of homogenized viscous materials has the material drawn from a reservoir (2) by a main pump (5) and passed to a homogenizer (6) and to a dispensing duct (11), with excess material returned to the reservoir. A pressure monitor (14) between the pump outlet and the homogenizer inlet is linked to a pump control to ensure a set positive pressure into the homogenizer and thereby prevent cavitation. The reservoir can additionally be fitted with a stirrer (3).

IPC 8 full level

B01F 23/47 (2022.01)

CPC (source: EP US)

B01F 23/47 (2022.01 - EP US); **B01F 23/56** (2022.01 - EP); **B01F 25/52** (2022.01 - EP US); **B01F 25/53** (2022.01 - EP US); **B01F 27/271** (2022.01 - EP US); **B01F 33/821** (2022.01 - EP US); **B01F 35/20** (2022.01 - EP US); **B01F 35/2113** (2022.01 - EP US); **B01F 35/22141** (2022.01 - EP US); **B01F 35/221422** (2022.01 - EP US); **B01F 23/56** (2022.01 - US); **B01F 27/1122** (2022.01 - EP US)

Cited by

EP1741483A3; CN111229086A; CN103933883A; EP2602019A4; CN105026026A; EP3838389A1; CN115151338A; US8215824B2; US9630155B2; US10207204B2; WO2010025913A3; WO2007140764A1; US8820796B2; US9249910B2; WO2014131644A1; WO2021122610A1

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DOCDB simple family (publication)

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