

Title (en)

Dispersal rotor for homogenising flowable media

Title (de)

Dispergierrotor zum Homogenisieren fließfähiger Medien

Title (fr)

Rotor de dispersion pour l'homogénéisation de fluides pouvant s'écouler

Publication

EP 2529829 B1 20131016 (DE)

Application

EP 11168428 A 20110601

Priority

EP 11168428 A 20110601

Abstract (en)

[origin: EP2529829A1] The rotor has a retainer (1) for a drive shaft, and rotor-tooth pointing in an axial direction and forming a labyrinth tooth for a medium passing radially outward from the direction of a rotor axis in a radial direction, where axial ends of the rotor are closed. A pump blade (4) is arranged at a rotor (2). Teeth rows (5) are arranged at a distance from each other in the radial direction, where an axial height of the rotor-tooth amounts to 10 to 30 cm. Teeth of the rotor-tooth comprise gaps of 0.5 to 1.5 mm in the radial direction, where the rotor is arranged in a mixing container. An independent claim is also included for a homogenizing device for homogenizing free-flowing media.

IPC 8 full level

B01F 27/73 (2022.01)

CPC (source: EP US)

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DOCDB simple family (publication)

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DOCDB simple family (application)

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