

Title (en)

DEVICE FOR MIXING AND/OR HOMOGENIZING A FLOWABLE MATERIAL, ESPECIALLY A CREAM

Publication

EP 0204294 B1 19900926 (DE)

Application

EP 86107431 A 19860602

Priority

DE 3519854 A 19850603

Abstract (en)

[origin: EP0204294A2] 1. A device for mixing and/or homogenising a flowable material, especially a cream, comprising a container for the substance having a rotor and a stator, which externally embraces the rotor, rigidly arranged in the region of the container bottom, in which respect the substance is sucked in by the rotor and driven out through the stator, an outlet opening for the substance in the region of the container bottom radially outside the stator, closure means for the outlet opening, and a plate which covers the rotor, the stator and the outlet openings and which has an inlet opening for the mixture to the rotor-stator arrangement, an annular gap being provided between plate edge and container bottom, characterised in that the outlet opening (17) comprises a valve seat, and the closure means comprises a valve plate (18), in that a device (16) is provided for lifting and lowering the plate (14), which covers the outlet opening, in that the annular gap is present between plate edge and container bottom (1) when the plate is in its elevated position, and in that the plate edge is sealed with respect to the bottom of the container (2) when the plate is in its lowered position.

IPC 1-7

B01F 5/06; **B01F 7/16**; **B01F 15/02**

IPC 8 full level

B01F 5/06 (2006.01); **B01F 7/16** (2006.01); **B01F 15/02** (2006.01)

CPC (source: EP)

B01F 27/812 (2022.01); **B01F 35/7511** (2022.01)

Cited by

EP0801974A1; JPWO2013027650A1; EP2745920A4; JP2018065128A; US9259697B2; US7325966B2; US9050568B2; WO03002241A1; WO2009089837A1

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