

Title (en)
MIXING MACHINE

Title (de)
MISCHMASCHINE

Title (fr)
MACHINE À MÉLANGER

Publication
EP 3530348 B1 20210908 (DE)

Application
EP 19157179 A 20190214

Priority
• DE 202018100933 U 20180220
• DE 202019100576 U 20190131

Abstract (en)
[origin: US2019255493A1] A mixing machine includes a mixing head and at least one connection means for connecting a mixing container containing material to be mixed to said mixing head for forming a closed mixing container. The mixing head, as part of a pivotable assembly, is pivotably mounted with respect to a frame such that the closed mixing container formed from the mixing head and the mixing container can be pivoted relative to the frame for performing the mixing process. The mixing head carries at least one rotationally-driven mixing tool. The mixing head comprises a head plate having a connecting flange molded thereon which is configured as an annular disc and comprises a planar contact surface. At least two ring seals of differing diameters are arranged in said contact surface of the connecting flange at a spacing between each other, such that mixing containers with different connection diameters of their mixing head side can be connected to said mixing head. The at least one connection means is configured for gripping mixing containers which differ in the diameter of their connection sides.

IPC 8 full level
B01F 13/00 (2006.01); **B01F 7/00** (2006.01); **B01F 7/16** (2006.01); **B01F 11/00** (2006.01); **B01F 15/00** (2006.01)

CPC (source: EP US)
B01F 27/00 (2022.01 - US); **B01F 27/071** (2022.01 - EP US); **B01F 27/091** (2022.01 - EP US); **B01F 27/1123** (2022.01 - EP US); **B01F 27/191** (2022.01 - EP US); **B01F 27/231** (2022.01 - US); **B01F 27/80** (2022.01 - US); **B01F 27/805** (2022.01 - EP US); **B01F 27/806** (2022.01 - US); **B01F 27/808** (2022.01 - EP US); **B01F 27/90** (2022.01 - US); **B01F 31/00** (2022.01 - US); **B01F 31/23** (2022.01 - EP US); **B01F 33/00** (2022.01 - EP US); **B01F 33/35** (2022.01 - EP US); **B01F 33/86** (2022.01 - US); **B01F 35/00** (2022.01 - US); **B01F 35/42** (2022.01 - EP US); **B01F 35/453** (2022.01 - US); **B01F 2035/351** (2022.01 - EP US); **B01F 2035/3512** (2022.01 - US)

Cited by
DE202022106589U1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 3530348 A2 20190828; **EP 3530348 A3 20191127**; **EP 3530348 B1 20210908**; ES 2899452 T3 20220311; US 11059005 B2 20210713; US 2019255493 A1 20190822

DOCDB simple family (application)
EP 19157179 A 20190214; ES 19157179 T 20190214; US 201916280282 A 20190220