

Title (en)
Mixer for double dispensing cartridges

Title (de)
Mischer für Doppelaustragskartuschen

Title (fr)
Mélangeur pour doubles cartouches dispensatrices

Publication
EP 0584428 B1 19960313 (DE)

Application
EP 92810645 A 19920824

Priority
EP 92810645 A 19920824

Abstract (en)
[origin: EP0584428A1] The mixer for double dispensing cartridges with two supply cylinders whose volume ratio is different from 1:1 has a mixer housing (3) which can be attached to the cartridge and a mixer-helix assembly (1) arranged therein. The two discharge openings of the cartridge are connected to a feed part (2) disposed upstream of the mixer-helix assembly (1), which feed part is subdivided into a larger feed chamber (4, 10 A) for the first component (A) with the greater dispensing volume and a smaller feed chamber (5, 10 B) for the second component (B) with the smaller dispensing volume and has first means (11) for accumulating the first component (A) and second means (12) for guiding said first component into the feed chamber (5) of the second component and carrying the latter along with it. Such a mixer makes possible intimate thorough mixing of the components without the necessity of first having to dispense a specific volume uselessly to set the correct mixing ratio. <IMAGE>

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B01F 13/00

IPC 8 full level
B01F 5/00 (2006.01); **B01F 5/06** (2006.01); **B01F 13/00** (2006.01)

CPC (source: EP US)
B01F 25/43141 (2022.01 - EP US); **B05C 17/00553** (2013.01 - EP US); **B05C 17/00556** (2013.01 - EP US); **B01F 33/5011** (2022.01 - EP US); **B01F 2101/2305** (2022.01 - EP US); **B05C 17/00516** (2013.01 - EP US)

Cited by
DE102017117199A1; DE102012003390B4; US7674033B2; US7287898B2; US7806297B2; EP2599540A1; EP2058048A1; GB2500650A; EP0664153A1; US5498078A; EP0993863A3; EP1402940A3; DE10164385C1; DE10156075A1; DE10156075B4; DE10112904A1; DE10112904B4; EP0723807A3; DE10112904C5; US7320541B2; WO2012116873A1; WO2022101167A1; US10786790B2; WO2013026717A1; DE202012013429U1; US9700859B2; US9782737B2; US6837612B2; DE102012003390A1; US11020716B2; WO2019020768A1; US11717794B2; US11986785B2; WO03041605A1; US10293311B2; EP4000749A1

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