

Title (en)
Mixer

Title (de)
Mischer

Title (fr)
Mélangeur

Publication
EP 0664153 B1 19990317 (DE)

Application
EP 94810031 A 19940119

Priority
EP 94810031 A 19940119

Abstract (en)
[origin: EP0664153A1] Mixer for double discharge cartridges or discharge devices with at least two storage cylinders, whole vol. ratio differs from 1:1, has a mixer casing which can be fixed to the cartridge or discharge device and a gp. of mixing coils inside it, both discharge openings which lie next to one another are in contact with the cartridge or discharge device. An entrance chamber (2,14) before the gp. of coils (1,15) comprises a bigger entrance chamber for the first component (A) of larger discharge vol. and a small entrance chamber (11,19) for the second component (B) of smaller discharge vol., the smaller chamber is so designed that upon exiting the input chamber, the first component (A) encloses the second (B) and the first inlet edge (10,20) of the first coil (9,21) splits both the first (A) and second (B) components in half.

IPC 1-7
B01F 13/00

IPC 8 full level
B01F 15/02 (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); **B01F 33/5011** (2022.01 - EP US); **B01F 2101/2305** (2022.01 - EP US); **B05C 17/00556** (2013.01 - EP US)

Cited by
DE102017117199A1; DE102012003390B4; US7674033B2; US7287898B2; US7806297B2; DE102010019223B4; DE102010019219B4; DE102010019217B4; DE10164385C1; DE10156075A1; DE10156075B4; DE10112904A1; DE10112904B4; DE10112904C5; US7320541B2; WO2012116873A1; DE102012003390A1; EP2384821A2; DE102010019223A1; EP2596873A2; DE102011119357A1; US8986313B2; EP2662150A2; DE102012008815A1; US8992071B2; WO2013026717A1; DE202012013429U1; US9700859B2; US9782737B2; WO03041605A1; DE102019009116A1; DE102019101644A1; WO2020151940A1; US11944947B2; WO2019020768A1; US11717794B2; US11986785B2; EP2384820A1; EP2384822A1; DE102010019217A1; DE102010019219A1; DE102010019220A1; WO2011137971A1; US9827030B2

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0664153 A1 19950726; **EP 0664153 B1 19990317**; DE 59407962 D1 19990422; JP 3591899 B2 20041124; JP H0866627 A 19960312; US 5498078 A 19960312

DOCDB simple family (application)
EP 94810031 A 19940119; DE 59407962 T 19940119; JP 536895 A 19950118; US 37291695 A 19950113