

Title (en)

DEVICE AND METHOD FOR CONTINUOUS MIXING OF COMPONENTS

Title (de)

VORRICHTUNG UND VERFAHREN ZUM KONTINUIERLICHEN MISCHEN VON KOMPONENTEN

Title (fr)

DISPOSITIF ET PROCEDE POUR LE MELANGE CONTINU DE COMPOSANTS

Publication

EP 1534415 A1 20050601 (EN)

Application

EP 03733725 A 20030606

Priority

- SE 0300968 W 20030606
- SE 0201816 A 20020612

Abstract (en)

[origin: WO03106006A1] A device for continuous mixing of at least two components, which device is characterised by mixing chamber (3) for receiving a volume (V) of said components, means (4) for continuously conveying an inflow (P1) of said components to the mixing chamber (3), means (5) for continuously conveying an outflow (P2) of a mixture of said components from the mixing chamber (3) and a stirring means (6). The mixing chamber (3) has a bottom portion (7) which tapers from a polygonal base (8) to a bottom (9), and the stirring means (6) is adapted to generate, in said volume (V) a mass flow (P3) directed to said bottom (9). The present invention also relates to a corresponding method for continuous mixing of components.

IPC 1-7

B01F 3/04; B01F 3/08; B01F 3/12; B01F 7/00

IPC 8 full level

B01F 27/91 (2022.01)

CPC (source: EP)

B01F 27/50 (2022.01); B01F 27/91 (2022.01); B01F 35/50 (2022.01); B01F 23/50 (2022.01); B01F 35/53 (2022.01)

Citation (search report)

See references of WO 03106006A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 03106006 A1 20031224; AT E455586 T1 20100215; AU 2003239008 A1 20031231; DE 60331075 D1 20100311; DK 1534415 T3 20100503; EP 1534415 A1 20050601; EP 1534415 B1 20100120; SE 0201816 D0 20020612; SE 0201816 L 20031213; SE 522476 C2 20040210

DOCDB simple family (application)

SE 0300968 W 20030606; AT 03733725 T 20030606; AU 2003239008 A 20030606; DE 60331075 T 20030606; DK 03733725 T 20030606; EP 03733725 A 20030606; SE 0201816 A 20020612