

Title (en)
Dynamic mixer

Title (de)
Dynamischer Mischer

Title (fr)
Mélangeur dynamique

Publication
EP 1149627 A3 20030604 (DE)

Application
EP 01106102 A 20010313

Priority
• DE 10015133 A 20000329
• DE 10043489 A 20000901

Abstract (en)
[origin: EP1149627A2] Dynamic mixer has a mixing element (3) with mixing wings (5, 6) arranged on the side facing the closing part (2). The wings are non material-stripping with respect to the wall of the chamber part (1) and have axially free recesses, where the recesses of one wing are covered by the non-free part of the other wing. An inner sleeve (4) which extends up to the first mixing wing is arranged on the closing part. Preferred Features: The mixing wings are arranged in the longitudinal direction. An inner peg (12) is arranged on the closing part. The first mixing wing has inner and/or outer recesses and the second mixing wing has only outer recesses. The mixer has a third mixing wing (14, 15, 16, 17).

IPC 1-7
B01F 13/00; **A61C 9/00**; **B05C 17/005**

IPC 8 full level
A61C 9/00 (2006.01); **B01F 13/00** (2006.01); **B05C 17/005** (2006.01); **B01F 7/00** (2006.01)

CPC (source: EP)
B01F 27/0722 (2022.01); **B01F 27/0724** (2022.01); **B01F 27/112** (2022.01); **B01F 33/5011** (2022.01); **B01F 35/522** (2022.01); **B01F 27/11251** (2022.01); **B01F 2101/19** (2022.01); **B01F 2101/2305** (2022.01)

Citation (search report)
• [AD] DE 29705741 U1 19980806 - MUEHLBAUER ERNST KG [DE]
• [AD] EP 0492413 A1 19920701 - THERA GES FUER PATENTE [DE]
• [A] DE 3723517 A1 19890126 - LICENTIA GMBH [DE]

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US7320541B2; WO2006032467A1; WO2013026722A1; US7674033B2; US6523992B1; EP1640060A1; JP2005512801A; US6394643B1; EP1510249A1; AU2004205312B2; US6443612B1; US6932243B2; US6540395B2; US8147122B2; US7172338B2; US6854621B2; WO2014175673A1; US9522366B2; US8579497B2; WO2005099913A1; US7287898B2; US9463079B2; WO2013127534A1; TWI568492B; KR101355130B1; DE102020134316A1; WO2022129322A1

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