

Title (en)

APPARATUS AND TOOL FOR MIXING AND USE THEREOF

Publication

EP 0237042 B1 19890816 (DE)

Application

EP 87103482 A 19870311

Priority

- DE 3608038 A 19860311
- DE 8606658 U 19860311

Abstract (en)

1. Mixing device with 1.1 at least one mixing vessel (12), 1.1.1 being detachably secured on a receiving means (18, 20), but 1.1.2 twist safe by locking means (64, 66, 68) between mixing vessel (12) and receiving means (18, 20) and 1.2 a rotatable mixing tool (52, 120, 150), with 1.2.1 a central shaft (54, 122, 124, 152) and 1.2.2 elastic stirring wings (56, 58, 60, 62, 134, 136, 138, 140) protruding from said shaft and arranged in spaced relationship, 1.2.3 each comprising an inner section (134a, 136a, 138a, 140a) adjacent to said shaft (122, 124) and an annexed outer section (134b, 136b, 138b, 140b) being substantially more flexible than said inner section (134a, 136a, 138a, 140a), wherein 1.3 said mixing tool (52, 120, 150) or its stirring wings (52, 58, 60, 62, 134, 136, 138, 140) respectively are shaped at least partially transverse to said relative motion of said mixing tool (52, 120, 150) with respect to said mixing vessel (12) and arranged in such a way as to contact the inner wall of the mixing vessel (12) while rotating.

IPC 1-7

B01F 9/14; B01F 15/00; B44D 3/06

IPC 8 full level

B01F 29/83 (2022.01)

CPC (source: EP)

B01F 29/80 (2022.01); **B01F 29/83** (2022.01); **B01F 33/85** (2022.01)

Cited by

EP0785018A1

Designated contracting state (EPC)

AT BE CH ES FR GB IT LI NL SE

DOCDB simple family (publication)

DE 8606658 U1 19870108; EP 0237042 A1 19870916; EP 0237042 B1 19890816

DOCDB simple family (application)

DE 8606658 U 19860311; EP 87103482 A 19870311