

Title (en)

Ring trough mixer with driven stirrers

Title (de)

Ringtrogzwangmischer

Title (fr)

Mélangeur à bac annulaire avec agitateurs entraînés

Publication

EP 0695613 B1 19981007 (DE)

Application

EP 95108935 A 19950609

Priority

DE 9412699 U 19940805

Abstract (en)

[origin: EP0695613A1] The mixer (1) has an annular trough (2) formed of base (4) outer side (3) and inner hub (6,7). Through this central hub a mixer driveshaft (8) passes which turns a housing (17) and radial arms. At the ends of the arms are mixing paddles mounted on shafts (26,27). The shafts mesh with toothed wheels (21,22,23) which are attached by bearings on the baseplate (16) of the housing. A central toothed wheel (20) on a shaft (18) aligned with the mixing driveshaft is supported by a sprung arm (29) against the rotation of the housing assembly. The toothed wheels mesh causing the paddles to turn while the radial arms rotate.

IPC 1-7

B28C 5/16

IPC 8 full level

B28C 5/16 (2006.01)

CPC (source: EP)

B28C 5/165 (2013.01)

Cited by

CN108748680A; DE29619681U1; EP0925891A1; CN105328791A; CN108127792A

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AT CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0695613 A1 19960207; EP 0695613 B1 19981007; AT E171890 T1 19981015; DE 59503837 D1 19981112; DE 9412699 U1 19951207; DK 0695613 T3 19990621; ES 2124934 T3 19990216

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