

Title (en)
Mixer with a rotating tank

Title (de)
Mischer mit rotierendem Behälter

Title (fr)
Mélangeur à cuve tournante

Publication
EP 0737507 B1 20020612 (FR)

Application
EP 96420101 A 19960328

Priority
FR 9503710 A 19950329

Abstract (en)
[origin: EP0737507A2] The mixer has a conical vessel (1) with a vertical axis (20), a top cover (2) and a shuttered outlet (3) at the bottom. The mixing implement (4) can be in the form of a screw connected to a motor and redn. gear unit (5), and the vessel is contained within a frame (6) of supports (7). The vessel is supported by a coupling element (10) between it and the frame, designed to allow the vessel to rotate inside the frame about its axis when driven by a motor (11). The coupling element comprises a ball ring supported by the frame and carrying a gear (8) meshing with the motor's driving gear (9).

IPC 1-7
B01F 7/30

IPC 8 full level
B01F 29/84 (2022.01); **B01F 29/85** (2022.01); **B28C 5/32** (2006.01)

CPC (source: EP)
B01F 29/84 (2022.01); **B01F 29/85** (2022.01); **B28C 5/32** (2013.01)

Citation (examination)
FR 245805 A

Cited by
US7217029B2; EP2754484A1; FR3000906A1; WO0145888A1

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EP 0737507 A2 19961016; EP 0737507 A3 19961023; EP 0737507 B1 20020612; AT E218919 T1 20020615; DE 69621693 D1 20020718; DE 69621693 T2 20030130; DK 0737507 T3 20021007; ES 2177749 T3 20021216; FR 2732238 A1 19961004; FR 2732238 B1 19970509

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