

Title (en)
MIXER WITH ANNULAR VAT

Publication
EP 0063257 B1 19861105 (DE)

Application
EP 82102539 A 19820326

Priority
DE 3114477 A 19810410

Abstract (en)
[origin: EP0063257A2] 1. An annular vat mixer having a mixer rotor, which is driven from below by means of a drive shaft, which is guided via a gearing through an inner space in the annular vat, and a drive motor, and which comprises at least one mixing implement which penetrates the annular vat, at least one of the mixing implements being rotatable and being driven by the drive shaft via a toothed gearing, which comprises a toothed wheel rim disposed on the gearing housing and a toothed wheel, characterised in that a vat inner wall (68) is provided, which extends as far as the underside (70) of the rotor (6), and an intermediate space (18) is provided between the gearing housing (16), the vat inner wall (68) and the underside (70), in which intermediate space (18) the toothed wheel rim (52) and the toothed wheel (60) for the mixing implement (30) are arranged.

IPC 1-7
B01F 7/30; **B01F 15/00**; **B28C 5/16**

IPC 8 full level
B01F 7/30 (2006.01); **B01F 15/00** (2006.01); **B28C 5/16** (2006.01); **B01F 7/00** (2006.01)

CPC (source: EP)
B01F 27/95 (2022.01); **B01F 27/951** (2022.01); **B01F 35/323** (2022.01); **B28C 5/165** (2013.01); **B01F 27/091** (2022.01); **B01F 27/2322** (2022.01); **B01F 27/2324** (2022.01)

Cited by
FR2714304A1; EP0565894A1; EP0563665A1; US4923305A; EP0508962A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 0063257 A2 19821027; **EP 0063257 A3 19840530**; **EP 0063257 B1 19861105**; DE 3114477 C1 19821104; DE 3274070 D1 19861211

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