

Title (en)

Mixer with movable protection screen.

Title (de)

Mischer mit beweglichem Schutzschirm.

Title (fr)

Mélangeur avec écran mobile de protection.

Publication

EP 0399878 A1 19901128 (FR)

Application

EP 90401315 A 19900517

Priority

FR 8906654 A 19890522

Abstract (en)

Mixer comprising a removable bowl (20), a bowl support (22), a head (14) especially with a tool-carrier plate (40) on which a tool (44) is mounted, a body (12) comprising a device (16) for raising and lowering the bowl support, consisting of at least one vertically oriented column (24) integrally fastened to the bowl support and of a mechanism (28, 30 and 32) for driving this column in translation between two positions, high and low, along its lengthwise axis, as well as a movable protective screen (18), characterised in that this screen is movable in translation or in rotation about an axis between a closed position and an open position and in that this screen is connected to this column by driving means so that the high and low positions of this column correspond to the closed and open positions of the screen respectively. <IMAGE>

IPC 1-7

B01F 7/16; B01F 15/00

IPC 8 full level

B01F 35/60 (2022.01)

CPC (source: EP)

B01F 27/805 (2022.01); **B01F 35/60** (2022.01)

Citation (search report)

- [Y] FR 2463354 A1 19810220 - DITO [FR]
- [Y] US 1344565 A 19200622 - SCHLICHER HERMAN C
- [A] US 2710743 A 19550614 - BETRY OWEN C
- [A] DE 435730 C 19261016 - OTTO GILLES, et al
- [A] DE 2836241 A1 19790222 - TAKEUCHI SHIGEO
- [A] DE 166756 C
- [A] FR 2575142 A1 19860627 - LOISELET MAURICE [FR]
- [A] AT 321253 B 19750325 - JOHANN KREUZIGER MASCHF
- [A] CH 438223 A 19670630 - SPANGENBERG MASCHF G [DE]

Cited by

FR2740064A1; FR2741120A1; CN109092470A; EP0512172A1; EP0650008A1; FR2805177A1; CN117160291A; WO2020201130A1

Designated contracting state (EPC)

DE DK ES GB IT

DOCDB simple family (publication)

EP 0399878 A1 19901128; EP 0399878 B1 19930825; DE 69002871 D1 19930930; DE 69002871 T2 19931209; DK 0399878 T3 19931004; ES 2045841 T3 19940116; FR 2647030 A1 19901123; FR 2647030 B1 19920214

DOCDB simple family (application)

EP 90401315 A 19900517; DE 69002871 T 19900517; DK 90401315 T 19900517; ES 90401315 T 19900517; FR 8906654 A 19890522