

Title (en)
MIXER

Publication
EP 0192179 B1 19910710 (DE)

Application
EP 86101766 A 19860212

Priority
DE 3505175 A 19850215

Abstract (en)
[origin: EP0192179A2] The mixer comprises a mixing container 1 with a vertical axis, a conical side wall and a container bottom, as well as a mixing screw which is fastened to a shaft and is driven in rotation by means of a drive arranged underneath the container bottom. The upper end of the mixing screw is rotatably mounted in a bearing of a rotatingly driven swivel arm, which for its part is rotatably driven in a central housing flange on the upper side of the mixing container by a drive arranged there. To increase the operational reliability, axial changes in length of the mixing screw shaft are taken up in a bearing arranged at the swivel arm, by the mixing screw shaft being designed as a knockout spindle. Furthermore, the swivel arm is designed as a simple arm without any built-in gear mechanism, so there are no seals, gear components or the like in the product space.
<IMAGE>

IPC 1-7
B01F 7/30

IPC 8 full level
B01F 7/30 (2006.01); **B01F 7/00** (2006.01)

CPC (source: EP)
B01F 27/953 (2022.01); **B01F 27/1143** (2022.01); **B01F 27/2324** (2022.01)

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