

Title (en)
BATCH MIXER

Publication
EP 0142003 A3 19850814 (DE)

Application
EP 84111860 A 19841004

Priority
DE 3337437 A 19831014

Abstract (en)
[origin: ES8603144A1] Charge mixed by tools projecting from a shaft rotating horizontally inside a drum is, when ready, discharged through an aperture in the drum underside opened when two generally similar flaps, with shape matching the drum curvature, are downwardly pivoted about upper axles extending externally along the drum length. - For each flap the narrow upper edge, at least adjacent the axle, is chamfered at an acute angle to the flap's external surface with the angle matching that formed on the adjacent drum edge against which the flap abuts when closed. The drum interior has a sealing strip inlet in a groove formed in its wall near the aperture location, with the strip overlaid by a corresp. external strip.
[origin: ES8603144A1] Charge mixed by tools projecting from a shaft rotating horizontally inside a drum is, when ready, discharged through an aperture in the drum underside opened when two generally similar flaps, with shape matching the drum curvature, are downwardly pivoted about upper axles extending externally along the drum length. - For each flap the narrow upper edge, at least adjacent the axle, is chamfered at an acute angle to the flap's external surface with the angle matching that formed on the adjacent drum edge against which the flap abuts when closed. The drum interior has a sealing strip inlet in a groove formed in its wall near the aperture location, with the strip overlaid by a corresp. external strip.

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B01F 15/02

IPC 8 full level
B01F 7/02 (2006.01); **B01F 15/00** (2006.01); **B01F 15/02** (2006.01); **F16J 13/16** (2006.01); **F16J 15/02** (2006.01)

CPC (source: EP KR US)
B01F 27/60 (2022.01 - KR); **B01F 35/451** (2022.01 - EP US)

Citation (search report)
• [A] DE 8226167 U1 19821216
• [A] US 2835269 A 19580520 - SEYMOUR HALE D
• [A] US 3128901 A 19640414
• [A] DE 311116 C
• [A] DE 725208 C 19420917 - BUEHLER G M B H GEB
• [A] CH 345593 A 19600331 - KOKEISL THEODOR [CH], et al

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EP0685255A1; EP0941947A1

Designated contracting state (EPC)
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)
EP 0142003 A2 19850522; EP 0142003 A3 19850814; EP 0142003 B1 19870506; EP 0142003 B2 19940112; AT E26929 T1 19870515; AU 3413984 A 19850418; AU 562893 B2 19870618; CA 1225389 A 19870811; DE 3337437 A1 19850502; DE 3463452 D1 19870611; ES 536650 A0 19851216; ES 8603144 A1 19851216; JP S6097033 A 19850530; KR 850003333 A 19850617; KR 880000478 Y1 19880312; US 4572674 A 19860225; ZA 847708 B 19850529

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EP 84111860 A 19841004; AT 84111860 T 19841004; AU 3413984 A 19841011; CA 465248 A 19841012; DE 3337437 A 19831014; DE 3463452 T 19841004; ES 536650 A 19841010; JP 21445384 A 19841015; KR 840006351 A 19841013; KR 870010294 U 19870626; US 66111184 A 19841015; ZA 847708 A 19841001