

Title (en)
MIXING CONTAINER WITH A VIBRATOR

Publication
EP 0249826 A3 19890614 (DE)

Application
EP 87108127 A 19870604

Priority
DE 8616356 U 19860619

Abstract (en)
[origin: EP0249826A2] The mixing container has a collecting container for collecting or storing material to be mixed and a collector for receiving part charges originating from different charges of the material from the collecting container, and a discharge hopper having a discharge orifice at the lower end thereof for discharging the mixed material. In and/or on the collector (3), a plurality of obliquely downward- inclined backing surfaces (6, 6a) are located which back up part charges at least temporarily. A vibrating or jarring unit sets the backing surfaces into jarring motions or vibrations in order to shake off part charges backed up thereon onto at least one obliquely downward-inclined sliding surface (2c) which leads to the discharge orifice (2a). <IMAGE>

IPC 1-7
B01F 5/24

IPC 8 full level
B01F 5/24 (2006.01)

CPC (source: EP)
B01F 25/823 (2022.01)

Citation (search report)
• [X] FR 2300610 A1 19760910 - SAINT OMER FONDERIES CONSTRUCT [FR]
• [A] GB 1140895 A 19690122 - DU PONT
• [A] US 3973703 A 19760810 - PESCHL IVAN ANTON
• [A] BE 873782 A 19790730 - LOURDAUX JAN
• [A] US 3934762 A 19760127 - URAYAMA KIYOSHI
• [A] NL 7503302 A 19760922 - KLINKENBERG H B BV
• [A] FR 2297076 A1 19760806 - PETERS AG CLAUDIUS [DE]
• [A] US 3158362 A 19641124 - SEIFARTH JOHN H

Cited by
JPWO2018173471A1; CN114452872A; CN114225793A; US11833482B2; WO2018173471A1

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