

Title (en)
Mixing recipient

Title (de)
Mischbehälter

Title (fr)
Récipient de mélange

Publication
EP 0355813 B2 19980429 (DE)

Application
EP 89115576 A 19890823

Priority
DE 3829055 A 19880826

Abstract (en)
[origin: US4978228A] Described is a mixing bin for mixing bulk goods, particularly by pure gravity flow, comprising a mixing pipe disposed at a substantially central location in an outer container and provided with a plurality of intake ports disposed at different levels for withdrawing bulk goods at different levels from a bulk goods column enclosed by the outer container. All intake ports open into a common interior space of the mixing pipe. A respective deflector baffle projecting into the interior space so as to obturate a part of the cross-sectional area thereof is disposed above each intake port to be passed by the bulk goods flow in the interior space. For improving the result of the mixing operation in a structurally simple manner the invention proposes to vary the size of the part of the cross-sectional area obturated by the deflector baffles disposed at the different levels, the selected size of the obturated part of the cross-sectional area being determined by the amount of the bulk goods to be withdrawn through the associated intake port.

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B01F 5/24

IPC 8 full level
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CPC (source: EP US)
B01F 25/8211 (2022.01 - EP US)

Cited by
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AT BE CH DE ES FR GB IT LI NL

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US 4978228 A 19901218; AT E82154 T1 19921115; DE 3829055 A1 19900301; DE 58902679 D1 19921217; EP 0355813 A2 19900228; EP 0355813 A3 19900321; EP 0355813 B1 19921111; EP 0355813 B2 19980429; ES 2036316 T3 19930516; ES 2036316 T5 19981001; JP 2852668 B2 19990203; JP H02152533 A 19900612

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