

Title (en)

DEVICE FOR MAKING MIXTURES READY TO BE USED FROM BULK GOODS KEPT READY IN A SILO

Publication

EP 0268991 B1 19910327 (DE)

Application

EP 87117023 A 19871119

Priority

DE 3640766 A 19861128

Abstract (en)

[origin: EP0268991A2] For the production of ready-to-use mixtures of bulk material, such as cement and sand, stored in a silo, in particular a construction- site silo for mobile use having a plurality of chambers each with a respectively assigned outlet, each silo outlet is equipped with a metering device for the metered discharge of bulk material, and a discharge aperture of each metering device is connected to the assigned input aperture of a mixing device. Each metering device is designed as a cellular wheel sluice lying approximately horizontally. The mixing device possesses inlets which can be connected to the outlet flanges of the metering devices by means of appropriate flanges. The mixing device possesses a tubular housing suspended approximately horizontally below the outlet flanges. A shaft, driven to rotate, runs in the tubular housing, is fitted with screw-type fins in the section corresponding to the inlets of the mixing device, and has mixing fins which project approximately radially in the adjoining section. <IMAGE>

IPC 1-7

B28C 9/00

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0318874A1; US5785420A; US5624183A; EP0478865A1; EP0374418A1; EP4083884A1; IT202100010937A1

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