

Title (en)

Device for storage and removal of bulk material

Title (de)

Vorrichtung zum Lagern und Abtransportieren von Schüttgut

Title (fr)

Dispositif d'emmagasinage et de transport de matériaux en vrac

Publication

**EP 0313757 B2 20000712 (DE)**

Application

**EP 88113847 A 19880825**

Priority

DE 3736392 A 19871028

Abstract (en)

[origin: EP0313757A1] If a bulk material mixture produced in a mixer (1) is intermediately stored in a downstream bunker (5), during emptying of said bunker (5) onto a conveying member (10), such as a conveyer belt, a sudden peak loading of the conveying member (10) results when the bottom opening (8) of the elongate bunker (5) is opened. Such peak loadings are to be avoided. In the new device, the bunker (5) has an elongate bottom opening (8) which extends in the longitudinal direction of the conveying member (10) and is subdivided into a plurality of closures (15) arranged in a row. Said closures (15) can be opened individually successively in a controllable sequence. By means of the new device, the bulk material, which is intermediately stored in the bunker (5), is not discharged onto the conveying member (10) over the entire length of the bottom opening (8) of the bunker (5). In contrast, the bunker (5) can be emptied successively stepwise without unnecessary delay occurring. Accordingly, the peak loading of the conveying member (10) can be decreased considerably and evened out. <IMAGE>

IPC 1-7

**B65D 90/64**

IPC 8 full level

**B65D 90/62** (2006.01); **B65D 90/64** (2006.01)

CPC (source: EP)

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DE

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**EP 0313757 A1 19890503**; **EP 0313757 B1 19911211**; **EP 0313757 B2 20000712**; AT E70247 T1 19911215; DE 3736392 A1 19890511; DE 3736392 C2 19981105; DE 3866854 D1 19920123

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