

Title (en)

Big storage bin for dusty and pulverulent material

Title (de)

Grossraumsilo für staubförmiges und feinkörniges Schüttgut

Title (fr)

Silo à grande capacité pour produits poussiéreux ou pulvérulents

Publication

EP 0400331 B2 19970423 (DE)

Application

EP 90108029 A 19900427

Priority

DE 3917533 A 19890530

Abstract (en)

[origin: EP0400331A1] The large storage bin (1) for bulk products having a conical hood (3) in the centre of an annular bin bottom (4) is provided with pneumatic separating devices (6, 8). In order to be able to remove the separating air without problems and to build up the filling pressure of the bin when the storage product is flowing through, provision is made for box-shaped outlet chambers (9) to be connected to the outlet openings, which outlet chambers each have a venting chamber (10), in which case a venting chamber (10) may be constructed as a pipe which is connected to the end of the outlet chamber (9) upstream of a blocking and metering member (11).

IPC 1-7

B65D 88/72

IPC 8 full level

B65D 88/72 (2006.01)

CPC (source: EP)

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Cited by

US5575406A; US6342079B1; WO9426629A1; EP2236438A1; DE102009015880A1

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