

Title (en)

MIXING SILO FOR THE PNEUMATIC HOMOGENISATION OF GRANULATED OR POWDERY MATERIALS

Publication

EP 0111294 B1 19870812 (DE)

Application

EP 83112262 A 19831206

Priority

DE 3245542 A 19821209

Abstract (en)

[origin: ES284574U] Mixing silo for pneumatically homogenizing fine-grained or dust-like material, the bottom of which comprises groups of aeration zones which can be alternately supplied with compressed air in such a manner that in each group a bottom zone partially limited by the outer limit of the silo bottom is heavily aerated and a bottom zone located between the heavily aerated bottom zones is aerated only weakly. An even, progressive circulation of the entire silo contents with little expenditure of energy is achieved by separating the heavily aeratable bottom zones from each other with a star-shaped, exclusively weakly aeratable bottom zone and by constructing the outlet as an overflow.

IPC 1-7

B01F 13/02; **B65D 88/72**

IPC 8 full level

B01F 13/02 (2006.01); **B01F 33/40** (2022.01); **B65D 88/72** (2006.01)

CPC (source: EP US)

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EP 0111294 A2 19840620; **EP 0111294 A3 19850703**; **EP 0111294 B1 19870812**; BR 8306783 A 19840717; DE 3245542 A1 19840614; DE 3372925 D1 19870917; DK 157835 B 19900226; DK 157835 C 19900806; DK 564683 A 19840610; DK 564683 D0 19831208; ES 284574 U 19850701; ES 284574 Y 19860401; US 4542991 A 19850924

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EP 83112262 A 19831206; BR 8306783 A 19831209; DE 3245542 A 19821209; DE 3372925 T 19831206; DK 564683 A 19831208; ES 284574 U 19831207; US 55942183 A 19831208