

Title (en)

PROCESS FOR THE OPERATION OF A STRAIGHT-THROUGH MIXING SILO

Publication

EP 0078396 A3 19850710 (DE)

Application

EP 82108735 A 19820921

Priority

DE 3143387 A 19811102

Abstract (en)

[origin: ES8401860A1] The invention relates to a continuous mixing silo and a method of operating it for the mixing of fine-grained material. The silo has a base provided with a plurality of zones which are supplied with aerating air in chronological sequence. Individual zones of the base are supplied with additional air in a pulse-like manner at specific intervals of time to achieve intensive aeration and mixing of the material. The additional air is supplied from a storage unit for a shorter period than the aerating air. Air taken from the storage unit is replenished during the time interval between pulses.

IPC 1-7

B01F 13/02; **B28C 5/06**; **B65G 69/06**; **B65D 88/72**

IPC 8 full level

B01F 33/40 (2022.01); **B28C 5/06** (2006.01); **B65D 88/72** (2006.01); **B65G 69/06** (2006.01)

CPC (source: EP US)

B01F 33/4092 (2022.01 - EP US); **B65D 88/72** (2013.01 - EP US)

Citation (search report)

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- [A] EP 0001422 A1 19790418 - KRUPP POLYSIUS AG [DE]
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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI

DOCDB simple family (publication)

EP 0078396 A2 19830511; **EP 0078396 A3 19850710**; **EP 0078396 B1 19890419**; AT E42220 T1 19890515; BR 8206304 A 19830920; DE 3143387 A1 19830511; DE 3143387 C2 19900111; DE 3279621 D1 19890524; ES 516986 A0 19840101; ES 8401860 A1 19840101; US 4472062 A 19840918; ZA 827245 B 19830831

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EP 82108735 A 19820921; AT 82108735 T 19820921; BR 8206304 A 19821029; DE 3143387 A 19811102; DE 3279621 T 19820921; ES 516986 A 19821029; US 43782482 A 19821029; ZA 827245 A 19821004