

Title (en)
Installation for spraying dry building material

Title (de)
Anlage zum Spritzen von Trockenbaustoffen

Title (fr)
Installation de projection de matériaux de construction secs

Publication
EP 0698419 B1 19990512 (DE)

Application
EP 94119189 A 19941206

Priority
DE 9413836 U 19940826

Abstract (en)
[origin: EP0698419A1] The dry components are taken from a gravity fed silo (7) by connecting the compressor (3) directly to a dosing duct (6) at the outlet of the silo. The compressed air pipes the dry components to a mixing element (11) in which water is added, and more compressed air, to feed the mixture to the spray head (1). The spray head has a moisture sensor (15) to monitor the consistency of the spray mixture with a feedback control (14) to a water flow valve (13). The silo can be a free standing silo eg. dry cement mixture, or can be a bulk carrier vehicle.

IPC 1-7
B05B 7/14; **E04F 21/12**; **B28C 7/16**

IPC 8 full level
B05B 7/14 (2006.01); **B28C 7/06** (2006.01); **B28C 7/16** (2006.01); **E04F 21/12** (2006.01)

CPC (source: EP)
B05B 7/1481 (2013.01); **B28C 7/062** (2013.01); **E04F 21/12** (2013.01)

Cited by
FR2832349A1; CN107288323A; CH709592A1; DE10023170B4; DE19838710A1; DE19838710C2; DE19851913A1; DE19851913C2; EP1000719A3; CN103741938A; US7094364B2; US7169615B2; WO02076698A3

Designated contracting state (EPC)
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