

Title (en)

Aerosol device for precipitating dust

Title (de)

Sprühnebelanlage zum Niederschlagen von Staub

Title (fr)

Dispositif d'aerosol pour la précipitation de la poussière

Publication

EP 0950796 B1 20040623 (DE)

Application

EP 99107263 A 19990414

Priority

DE 29806581 U 19980414

Abstract (en)

[origin: EP0950796A1] The spraying apparatus comprises a water feeding device (1), a compressed air feeding device (2), and a mixing nozzle (3) which forms the compressed air as an air jet and guides the water in the shape of a water film, so that the water film is spread and pulverized. The feeding device comprises a water container (5) and a water pump (6), as well as a proportioning device (9,10) for expansion material.

IPC 1-7

E21F 5/02

IPC 8 full level

B05B 7/04 (2006.01); **B05B 7/24** (2006.01); **E21F 5/02** (2006.01)

CPC (source: EP)

B05B 7/0433 (2013.01); **B05B 7/2489** (2013.01); **B08B 17/00** (2013.01); **E21C 35/22** (2013.01); **E21C 35/226** (2020.05); **B05B 15/16** (2018.01)

Cited by

DE202017103664U1; EP3647241A1; DE102018127218A1; DE202016105569U1; DE202016105570U1; DE202016105572U1; US11285501B2; EP4019154A1

Designated contracting state (EPC)

AT BE CH DE FI FR LI LU NL

DOCDB simple family (publication)

EP 0950796 A1 19991020; **EP 0950796 B1 20040623**; AT E269939 T1 20040715; DE 29806581 U1 19990826; DE 59909780 D1 20040729

DOCDB simple family (application)

EP 99107263 A 19990414; AT 99107263 T 19990414; DE 29806581 U 19980414; DE 59909780 T 19990414