

Title (en)

Apparatus for producing a foam, having micro foamvesicles for dust control.

Title (de)

Vorrichtung zur Erzeugung eines Mikroblasen enthaltenden Schaumes zur Staubbekämpfung.

Title (fr)

Dispositif pour produire de l'écume comportant des micro-bulles pour le contrôle de la poussière.

Publication

EP 0155024 A1 19850918 (EN)

Application

EP 85200167 A 19850211

Priority

NL 8400557 A 19840222

Abstract (en)

Process and apparatus for providing a foam solution having microvesicles which strongly adhere to dust producing materials such as coal or sand, for dust control in open air storage or transport of said materials. The apparatus has fibre filters and means for imparting swirling movement to the solution when passed through the filters (9, 17) and means (12, 18, 13).

IPC 1-7

B01F 5/06; **B01F 3/04**

IPC 8 full level

B01F 3/04 (2006.01); **B01F 5/04** (2006.01); **B01F 5/06** (2006.01); **B01F 7/00** (2006.01); **B01F 5/00** (2006.01)

CPC (source: EP)

B01F 25/31112 (2022.01); **B01F 25/31113** (2022.01); **B01F 25/4312** (2022.01); **B01F 25/45** (2022.01); **B01F 25/4523** (2022.01); **B01F 27/55** (2022.01); **B01F 2025/913** (2022.01)

Citation (search report)

- [X] US 2335339 A 19431130 - KEEN ALEXIS W
- [A] DE 813195 C 19510910 - DEFENSOR A G
- [A] NL 279114 A
- [A] US 4207202 A 19800610 - COLE HOWARD W JR [US]
- [A] DE 2356595 A1 19750522 - ERDMANN EGON R
- [A] US 4068830 A 19780117 - GRAY JOSEPH B
- [A] NL 2007 C
- [A] DE 2331825 A1 19750123 - KOTTHOFF HANS

Cited by

US2017252714A1; DE4008069A1; US5520337A; US10519900B2; EP0990464A1; CN110195610A; US6241479B1

Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

EP 0155024 A1 19850918; **EP 0155024 B1 19880120**; AT E32032 T1 19880215; DE 3561442 D1 19880225; NL 8400557 A 19850916

DOCDB simple family (application)

EP 85200167 A 19850211; AT 85200167 T 19850211; DE 3561442 T 19850211; NL 8400557 A 19840222