

Title (en)

Process and apparatus for cleaning an air flow.

Title (de)

Verfahren und Vorrichtung zur Reinigung eines Umluftstromes.

Title (fr)

Procédé et dispositif de purification d'un courant d'air.

Publication

EP 0682221 A3 19960417 (DE)

Application

EP 95103601 A 19950313

Priority

DE 4416541 A 19940510

Abstract (en)

[origin: EP0682221A2] The air cleaning system has the air stream used for treatment of the textile web fed through an endless filter mesh (6) at the input side of the ventilator fan, with the fibres etc. captured by the filter mesh periodically removed by a suction jet device (11). Pref. the soiling level of the filter mesh surface is monitored, to activate the suction jet device for removing the deposits on the outside of the filter mesh, when the detected soiling level reaches a threshold value.

IPC 1-7

F26B 21/00

IPC 8 full level

F26B 21/00 (2006.01)

CPC (source: EP)

F26B 21/003 (2013.01)

Citation (search report)

- [DYA] DE 8304087 U1 19830630
- [YA] FR 2533141 A1 19840323 - BABCOCK TEXTILMASCH [DE]
- [A] US 3955287 A 19760511 - BROCK JAMES DONALD, et al
- [A] US 4222754 A 19800916 - HORVAT IVAN J
- [A] US 2315278 A 19430330 - WILLIAM SHAW

Cited by

EP0990866A3; CN115993019A; WO2004097316A1; WO2007065671A1

Designated contracting state (EPC)

AT DE ES IT

DOCDB simple family (publication)

EP 0682221 A2 19951115; EP 0682221 A3 19960417; EP 0682221 B1 19980617; AT E167566 T1 19980715; DE 4416541 A1 19951116; DE 59502560 D1 19980723; ES 2117315 T3 19980801

DOCDB simple family (application)

EP 95103601 A 19950313; AT 95103601 T 19950313; DE 4416541 A 19940510; DE 59502560 T 19950313; ES 95103601 T 19950313