

Title (en)

Cleaning device having a nozzle consisting of soft-elastic material

Title (de)

Reinigungsvorrichtung mit Sprühdüse aus weichelastischem Material

Title (fr)

Dispositif de nettoyage comprenant une buse de matière élastique souple

Publication

EP 1759846 B1 20080326 (DE)

Application

EP 05017362 A 20050810

Priority

EP 05017362 A 20050810

Abstract (en)

[origin: EP1759846A1] The device has a nozzle (23) including a nozzle opening for a jet of cleaning fluid. A cleaning element (20) lifts contaminants e.g. paper dust, which are dissolved by the fluid. The nozzle has a base surface supported on an exterior of a distribution line (22). Openings are provided over the length of the distribution lines (22', 22), where the nozzle is made from a soft-elastic material. The nozzle is provided with a deflector surface arranged downstream from the opening. A jet guidance area extends from the opening to the deflector surface. An independent claim is also included for a nozzle comprising a nozzle opening.

IPC 8 full level

B41F 35/00 (2006.01); **B05B 1/10** (2006.01); **B05B 1/26** (2006.01)

CPC (source: EP US)

B05B 1/00 (2013.01 - EP US); **B05B 1/267** (2013.01 - EP US); **B41F 35/00** (2013.01 - EP US); **B41P 2235/26** (2013.01 - EP US)

Cited by

DE102018104534B3; DE102011103804B4; DE102008004073B4; WO2019166408A1; DE102011103804A1; DE102008004073A1; EP2087997A1

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