

Title (en)

Device for cleaning surfaces with a cleaning strand

Title (de)

Vorrichtung zum Reinigen von Oberflächen mit einem Reinigungstrum

Title (fr)

Dispositif pour nettoyer des surfaces avec un tronçon de nettoyage

Publication

EP 0813914 B1 20021016 (DE)

Application

EP 97105335 A 19970329

Priority

DE 19624902 A 19960621

Abstract (en)

[origin: DE19624902C1] The cleaner has an endless belt (7), into which bristles (11) are set, and which runs around pulleys, and through a guide (8) with a C-section slot which encloses both edges of the belt. For part of its length (9), one or both sides of the belt are cut back so that the belt is narrower than the width (10) between the lips of the guide. One end of the guide is hinged or flexible and can be moved to enable the narrow section of the belt to pass between the lips of the C-section slot, so engaging, or disengaging, the belt from the guide. A smooth transition is provided between at the changes in section of the belt. The movable end of the guide is near to a pulley, and is moved by mechanical means. Flat, V-section or toothed belts can be used.

IPC 1-7

B08B 1/00; **A46B 13/02**

IPC 8 full level

B08B 1/04 (2006.01); **A46B 5/06** (2006.01); **A46B 13/02** (2006.01); **B08B 1/00** (2006.01)

CPC (source: EP US)

A46B 5/06 (2013.01 - EP US); **B08B 1/30** (2024.01 - EP US)

Cited by

DE10329499B3; US7346954B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

DE 19624902 C1 19970821; DE 59708472 D1 20021121; EP 0813914 A2 19971229; EP 0813914 A3 19980805; EP 0813914 B1 20021016; ES 2184913 T3 20030416; JP 3976842 B2 20070919; JP H1057905 A 19980303; US 5943725 A 19990831

DOCDB simple family (application)

DE 19624902 A 19960621; DE 59708472 T 19970329; EP 97105335 A 19970329; ES 97105335 T 19970329; JP 16377297 A 19970620; US 85684397 A 19970515