

Title (en)

Device for cleaning surfaces, in particular cylinders of printing machines

Title (de)

Vorrichtung zur Reinigung von Oberflächen, insbesondere von Druckmaschinen-Zylindern

Title (fr)

Appareil de nettoyage de surface, en particulier de cylindres de machines d'imprimerie

Publication

EP 1619027 A1 20060125 (DE)

Application

EP 05014813 A 20050708

Priority

DE 102004035399 A 20040721

Abstract (en)

The surface cleaning device uses a cleaning cloth transported from a storage shaft (22) to a winding shaft (24) for dirty cleaning cloth. The cloth is pressed by a rubber bar against the surface to be cleaned. There is a drive to rotate the winding shaft. Freewheel bearings (28) are fitted to the ends of the winding shaft. The piston rods (36) of an adjusting cylinder (38) engaged with the outer rings (30) of these bearings, so that the winding shaft is turned in winding direction as the piston rod moves out, but stays in place on the return stroke, due to the freewheel effect.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XY] DE 8816264 U1 19890330
- [XY] EP 0553947 A1 19930804 - KOMORI PRINTING MACH [JP]
- [A] EP 0564795 A1 19931013 - HEIDELBERGER DRUCKMASCH AG [DE]
- [A] US 4344361 A 19820817 - MACPHEE JOHN, et al

Designated contracting state (EPC)

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