

Title (en)  
DEVICE FOR CLEANING CYLINDRICAL ROLLERS, MACHINE COMPRISING SAID DEVICE, AND CLEANING METHOD

Title (de)  
VORRICHTUNG ZUR REINIGUNG VON ZYLINDRISCHEN ROLLEN, MASCHINE UMFASSEND DIESE VORRICHTUNG UND REINIGUNGSVERFAHREN

Title (fr)  
DISPOSITIF DE NETTOYAGE DE ROULEAUX CYLINDRIQUES, MACHINE COMPRENANT LEDIT DISPOSITIF ET PROCÉDÉ DE NETTOYAGE

Publication  
**EP 3584082 A1 20191225 (EN)**

Application  
**EP 19180706 A 20190617**

Priority  
IT 201800006425 A 20180618

Abstract (en)  
The cleaning device (20) for cleaning a cylindrical roller (50), for example an anilox roller of a printing machine, comprises a cleaning head (30) with a cleaning chamber (110), in which there is housed a mechanical cleaning member (60), and with which feeding members (70) for feeding a cleaning liquid into the cleaning chamber (110) are associated. The mechanical member (60) and cleaning liquid dispensed by the feeding members (70) work in combination inside said cleaning chamber (110) to clean the lateral surface of the roller (50)

IPC 8 full level  
**B41F 35/02** (2006.01); **B08B 1/00** (2006.01); **B41F 35/04** (2006.01)

CPC (source: EP)  
**B08B 1/30** (2024.01); **B08B 3/024** (2013.01); **B41F 35/02** (2013.01); **B41F 35/04** (2013.01); **B41P 2235/21** (2013.01); **B41P 2235/23** (2013.01); **B41P 2235/26** (2013.01); **B41P 2235/40** (2013.01)

Citation (applicant)  
• US 7428868 B2 20080930 - PETRI STEFANO [IT]  
• US 6957607 B2 20051025 - BIAGIOTTI GUGLIELMO [IT]  
• WO 9700173 A1 19970103 - PERINI FABIO SPA [IT], et al

Citation (search report)  
• [X] DE 102015005535 A1 20161103 - HARRIS & BRUNO EUROPE GMBH [DE]  
• [X] CA 2161478 A1 19960429 - HYCORR MACHINE CORP [US]  
• [X] JP H06262758 A 19940920 - JPE KK  
• [X] GB 1328512 A 19730830 - OXY DRY INSTERNATIONAL LTD

Cited by  
CN112808689A; CN113199860A; CN113246610A; CN114274401A

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