

Title (en)

Process and apparatus for cleaning rollers and bands

Title (de)

Verfahren und Vorrichtung zum Reinigen von Walzen oder Bänder

Title (fr)

Procédé et dispositif pour le nettoyage de rouleaux et de bandes

Publication

EP 1170066 A1 20020109 (DE)

Application

EP 01109824 A 20010421

Priority

DE 10032753 A 20000705

Abstract (en)

Process for removing organic impurities from the surface of rollers (10) or belts comprises directing a stream (16) of an atmospheric plasma onto the surface. Independent claims are also included for a device for removing organic impurities from the surface of rollers which comprises at least one plasma jet (14) moving in an axial direction to the roller and having an opening (18) directed toward the surface of the roller and for a device for removing organic impurities from the surface of continuous belts which comprises at least one plasma jet moving perpendicular to the transport direction of the belt.

Abstract (de)

1. Verfahren zum Entfernen von organischen Verunreinigungen von der Oberfläche von Walzen (10) oder Bändern, dadurch gekennzeichnet, daß man einen Strahl (16) eines atmosphärischen Plasmas auf die Oberfläche richtet. <IMAGE>

IPC 1-7

B08B 7/00; **B41F 35/00**

IPC 8 full level

B08B 7/00 (2006.01); **B41F 35/00** (2006.01); **B21B 28/04** (2006.01)

CPC (source: EP US)

B08B 7/0035 (2013.01 - EP US); **B41F 35/00** (2013.01 - EP US); **B21B 28/04** (2013.01 - EP US); **B41P 2235/10** (2013.01 - EP US)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 03 31 March 1999 (1999-03-31)

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Designated contracting state (EPC)

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