

Title (en)

Engraved roller and method for its production and reprocessing

Title (de)

Rasterwalze und Verfahren zu ihrer Herstellung und Wiederaufbereitung

Title (fr)

Rouleau tramé et méthode pour sa production et retraitement

Publication

EP 1316423 A1 20030604 (DE)

Application

EP 01128288 A 20011129

Priority

EP 01128288 A 20011129

Abstract (en)

Production of a screen roller (26), especially for flexographic printing machines, consisting of a cylindrical core (10) with a removable sleeve (18) having on its surface a screen layer (22) with a cup pattern (24) comprises initially attaching the sleeve to the core followed by formation of the pattern layer on the sleeve. <??>Independent claims are also included for a screen roller, and for a process for re-processing a screen roller. Preferred Features: The sleeve axially slides onto the core and is then temporarily expanded by compressed air leaving the core via openings in its peripheral surface.

Abstract (de)

Verfahren zur Herstellung einer Rasterwalze (26), insbesondere für Flexodruckmaschinen, mit einem zylindrischen Kern (10) und einem lösbar auf dem Kern gehaltenen Sleeve (18), das an seiner Oberfläche eine Rasterschicht (22) mit einem Näpfchenraster (24) aufweist, dadurch gekennzeichnet, daß zunächst das Sleeve (18) auf dem Kern (10) angebracht wird und erst dann die Rasterschicht (22) auf dem Sleeve (18) ausgebildet wird. <IMAGE>

IPC 1-7

B41F 31/26

IPC 8 full level

B41F 31/26 (2006.01)

CPC (source: EP US)

B41F 31/26 (2013.01 - EP US); **B41C 1/05** (2013.01 - EP US); **B41N 7/06** (2013.01 - EP US); **B41N 2207/02** (2013.01 - EP US); **Y10T 29/49549** (2015.01 - EP US); **Y10T 29/49558** (2015.01 - EP US); **Y10T 29/4956** (2015.01 - EP US); **Y10T 29/49563** (2015.01 - EP US)

Citation (search report)

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- [DA] EP 1132209 A1 20010912 - FISCHER & KRECKE GMBH & CO [DE]

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DE102019104593A1; WO2020161057A1; US11504962B2

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

EP 1316423 A1 20030604; **EP 1316423 B1 20060125**; DE 50108789 D1 20060413; ES 2252137 T3 20060516; US 2003134732 A1 20030717; US 6915569 B2 20050712

DOCDB simple family (application)

EP 01128288 A 20011129; DE 50108789 T 20011129; ES 01128288 T 20011129; US 30541402 A 20021126