Title (en)
Device for removing a printing tube

Title (de)
Vorrichtung zum Abnehmen einer Druckhülse

Title (fr)
Dispositif pour enlever un mandrin imprimant

Publication
EP 1093914 A2 20010425 (DE)

Application
EP 00119801 A 20000912

Priority
• US 42532899 A 19991022
• US 54079000 A 20000331

Abstract (en)
A device for removing sleeves from print rollers with a minimum risk of damage has radially acting grips (22, 24) to secure onto the sleeve and with grip handles to enable the operator to pull the sleeve axially off the roller. One version has sprung bands (22, 24) linked by simple twist action tensioners (26, 28) operated by grip handles (37, 39, 47, 49). The operator opens access flaps on one side of the printing press, to expose the ends of the rollers and inserts the device to clamp onto a sleeve and drag it off the roller, while compressed air is applied into the roller. The sprung bands have grip pads on the inside faces to enhance the grip onto the sleeve.

Abstract (de)
Eine Vorrichtung zum Abnehmen einer Druckhülse (13,14), insbesondere einer Gummituchhülse oder einer Druckplattenhülse, von einem fliegend gelagerten Zylindergrundkörper in einer Rotationsdruckmaschine zeichnet sich dadurch aus, dass axial über dem Umfang der Druckhülse (13,14) positionierbare und an die Umfangsoberfläche der Druckhülse (13,14) unter Erzeugung einer Reibungskraft anstellbare Kontaktelemente (22,24;80;101;102,201,202;302,303) vorgesehen sind. <IMAGE>

IPC 1-7
B41F 27/10; B41F 30/04

IPC 8 full level
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CPC (source: EP US)
B41F 27/105 (2013.01 - EP US); **B41F 30/04** (2013.01 - EP US); B41P 2227/21 (2013.01 - EP US); Y10T 29/49558 (2015.01 - EP US); Y10T 29/53952 (2015.01 - EP US); Y10T 29/53987 (2015.01 - EP US)

Cited by
CN109834643A; EP2014468A3; EP1362697A1; EP2857200A1; US7543531B2; WO2005014287A1; WO2015052562A1; US6792858B2; US9662924B2

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