

Title (en)

Washing device for a cylinder in a printing machine

Title (de)

Wascheinrichtung für einen Zylinder in einer Druckmaschine

Title (fr)

Dispositif de lavage pour un cylindre dans une presse

Publication

EP 2011653 A3 20110202 (DE)

Application

EP 08104533 A 20080625

Priority

DE 102007030572 A 20070702

Abstract (en)

[origin: EP2011653A2] The device i.e. blanket washing device (GTW), has a washing cloth (10) for removing contaminants and ink from a surface of a cylinder i.e. blanket cylinder (GTZ). A cylindrical ultrasonic generator directs sound energy onto the surface of the cylinder for assisting a washing operation. A focusing device e.g. sonotrode, positioned in front of the ultrasonic generator concentrates the sound energy onto a linear focus region on the surface of the cylinder extending parallel to an axis of the cylinder. A cylindrical lens is made of plastic in which the speed of sound is higher than in water.

IPC 8 full level

B41F 35/00 (2006.01)

CPC (source: EP US)

B41F 35/00 (2013.01 - EP US); **B41P 2235/14** (2013.01 - EP US); **B41P 2235/24** (2013.01 - EP US)

Citation (search report)

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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