

Title (en)

PROCESS FOR MANUFACTURING A METERING ROLL ESPECIALLY USABLE FOR FLEXOGRAPHIC PRINTING

Title (de)

VERFAHREN ZUR HERSTELLUNG EINER BESONDERS BEIM FLEXODRUCK NÜTZLICHEN DOSIERWALZE

Title (fr)

PROCÉDÉ DE FABRICATION D'UN ROULEAU DOSEUR CONVENANT PARTICULIÈREMENT À L'IMPRESSION FLEXOGRAPHIQUE

Publication

**EP 2512816 A1 20121024 (EN)**

Application

**EP 09796287 A 20091218**

Priority

CH 2009000402 W 20091218

Abstract (en)

[origin: WO2011072403A1] The invention concerns a process for manufacturing a metering roll especially usable in flexographic printing presses, in varnish stations for offset presses and/or in short ink train dry offset presses for example, comprising a central cylindrical core (11) and at least one layer (12) of a hard material peripheral coating that is engraved by use of a laser beam. This process comprises at least a first step of melting superficially at least partially the hard material coating, a second step when the melted hard material solidifies and forms a flat surface free of engraving and a third step of engraving again the hard material coating with a laser beam within the re-melted zone.

IPC 8 full level

**B41N 7/00** (2006.01); **B41F 31/26** (2006.01); **B41N 7/06** (2006.01)

CPC (source: EP)

**B41F 31/26** (2013.01); **B41N 7/005** (2013.01); **B41N 7/06** (2013.01); **B41N 2207/02** (2013.01)

Citation (search report)

See references of WO 2011072403A1

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

**WO 2011072403 A1 20110623**; EP 2512816 A1 20121024; EP 2512816 B1 20150325

DOCDB simple family (application)

**CH 2009000402 W 20091218**; EP 09796287 A 20091218