

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

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Application

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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.

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