

Title (en)

PROCESS FOR PRODUCING ANILOX ROLLERS

Title (de)

VERFAHREN ZUR HERSTELLUNG VON RASTERWALZEN

Title (fr)

PROCEDE POUR LA MANUFACTURE DE ROULEAUX ANILOX

Publication

**EP 2393661 B1 20150610 (DE)**

Application

**EP 10702994 A 20100114**

Priority

- EP 2010000172 W 20100114
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Abstract (en)

[origin: WO2010089020A1] The invention relates to anilox rolls for anilox color decks, engraved by a short-pulse laser, wherein the cross-sectional shape of the engraved cells or hachures is machined out by a plurality of pulses of the repeatedly operating laser. The pulse energy and mean power of the laser are selected or set so that at least 0.5 cm<sup>3</sup> of material/hour is ablated. The surface of the roll is subsequently smoothed or cleaned by a mechanical finishing step.

IPC 8 full level

**B41C 1/05** (2006.01); **B41N 7/06** (2006.01)

CPC (source: EP)

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DOCDB simple family (publication)

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