

Title (en)
Engraved roller.

Title (de)
Rasterwalze.

Title (fr)
Rouleau tramé.

Publication
EP 0486855 B1 19941207 (DE)

Application
EP 91118478 A 19911030

Priority
DE 4036661 A 19901117

Abstract (en)
[origin: EP0486855A1] To produce an engraved roller for an inking unit of an offset rotary printing machine, a layer consisting of an ink-receptive material is applied to the roller core. Grooves are introduced into this layer. To form wear-resistant ridges, a wear-resistant hard material, completely filling the grooves, is applied and cells are introduced into the layer made of the ink-receptive material. The thickness of the ink-receptive layer exceeds the depth of the cells. <IMAGE>

IPC 1-7
B41N 7/06

IPC 8 full level
B41F 31/26 (2006.01); **B41N 7/06** (2006.01)

CPC (source: EP US)
B41N 7/06 (2013.01 - EP US); **B41N 2207/02** (2013.01 - EP US); **B41N 2207/10** (2013.01 - EP US); **Y10T 29/49563** (2015.01 - EP US); **Y10T 29/49565** (2015.01 - EP US)

Designated contracting state (EPC)
CH DE FR GB IT LI

DOCDB simple family (publication)
EP 0486855 A1 19920527; EP 0486855 B1 19941207; EP 0486855 B2 20020109; DE 4036661 C1 19920617; DE 59103805 D1 19950119; JP H04269546 A 19920925; US 5191703 A 19930309

DOCDB simple family (application)
EP 91118478 A 19911030; DE 4036661 A 19901117; DE 59103805 T 19911030; JP 29545291 A 19911112; US 76258291 A 19910919