

Title (en)
METALLIC ENDLESS PRESSING BAND WITH A STRUCTURAL SURFACE

Publication
EP 0113813 B1 19880406 (DE)

Application
EP 83109983 A 19831006

Priority
DE 3247145 A 19821221

Abstract (en)
[origin: US4537810A] A metallic endless press band with an embossed engraving thereon for use in double band presses for the manufacture of laminates, such as panels, foils, films and the like having textured surfaces wherein a lengthwise and crosswise welding of rolled or electrodeposited surfaces is utilized, consisting essentially of a material which is a metal alloy which may be precipitation hardened or altered in its crystal structure by heat or radiation treatment, the metal structure at the welding seam being identical with the unwelded base material after hardening or after treatment to the extent that no hardness or crystal structure differences which impair the depth of the embossing pattern result when texturing the surface by knurling, etching or mechanical engraving.

IPC 1-7
B30B 5/04

IPC 8 full level
B27N 3/24 (2006.01); **B29C 33/00** (2006.01); **B29C 43/00** (2006.01); **B29C 59/04** (2006.01); **B30B 5/04** (2006.01)

CPC (source: EP US)
B30B 5/04 (2013.01 - EP US); **Y10T 428/12222** (2015.01 - EP US); **Y10T 428/12389** (2015.01 - EP US); **Y10T 428/12514** (2015.01 - EP US); **Y10T 428/12903** (2015.01 - EP US); **Y10T 428/24479** (2015.01 - EP US)

Cited by
EP0104329A3; AT413679B; AT517952B1; AT517952A4; US10955027B2; WO9009865A1

Designated contracting state (EPC)
FR GB IT SE

DOCDB simple family (publication)
EP 0113813 A2 19840725; **EP 0113813 A3 19850911**; **EP 0113813 B1 19880406**; DE 3247145 A1 19840705; DE 3247145 C2 19870709; JP H0328281 B2 19910418; JP S59133038 A 19840731; US 4537810 A 19850827

DOCDB simple family (application)
EP 83109983 A 19831006; DE 3247145 A 19821221; JP 23997083 A 19831221; US 56163683 A 19831215