

Title (en)

Device for contour-exact printing of patterns on flat workpieces

Title (de)

Vorrichtung zum konturgenauen Drucken von Dekorbildern auf flächige Werkstücke

Title (fr)

Dispositif d'impression aux contours exacts d'images décoratives sur des pièces usinées plates

Publication

EP 1839884 B1 20121024 (DE)

Application

EP 07003270 A 20070216

Priority

DE 102006014644 A 20060330

Abstract (en)

[origin: EP1839884A1] The device has a printing station (3) with digitally controlled color application elements. The printing station and a measurement station (4) are connected upstream, which with the contour sensors takes the outline data of the workpiece (1) and works together with the printing control (12) so that the pixels lying outside of the contour of the workpiece of the decoration picture are not printed, while the remaining pixels remain uninfluenced. The transport equipment (2) for transporting the workpieces and a printing control for printing digital decoration graphic data is provided.

IPC 8 full level

B41J 3/407 (2006.01); **B05B 13/04** (2006.01); **B44C 5/04** (2006.01)

CPC (source: EP)

B41J 3/28 (2013.01); **B41J 3/44** (2013.01); **B41J 11/008** (2013.01); **B44F 9/02** (2013.01)

Citation (examination)

DE 19929316 A1 20001228 - EASTMAN KODAK CO [US]

Cited by

EP2905143A1; CN104525424A; IT201800006225A1; CN111132849A; CN112912253A; EP2712343A4; EP2452829A1; EP2628610A1; US9238356B2; CN105073430A; AT526342A4; AT526342B1; WO2012062460A3; WO2019239351A1; US9242494B2; US11679597B2; US11878541B2; WO2014128170A1; US10717165B2; WO2024064985A1; WO2019201367A1; US8328303B2; WO2013005204A1; US8960828B2; US9340033B2; US10471743B2

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