

Title (en)

PROCESS AND DEVICE FOR PRINTING BOX-SHAPED OBJECTS WITH VERTICALLY DISPOSED PRINTING SCREENS

Publication

**EP 0046474 B1 19840502 (DE)**

Application

**EP 80810260 A 19800821**

Priority

EP 80810260 A 19800821

Abstract (en)

[origin: US4455935A] A box-shaped article to be printed arrives on a conveyor belt and is stopped by a sluice-gate and, after said article has been released, it arrives on a conveyor slide in order to be brought onto a lifting platform. After the article has been raised to the level of the printing stations, all four sides of the article are printed simultaneously, the screen-printing method being used in particular. The apparatus for carrying out the method comprises a conveyor belt, a sluice-gate, a conveyor slide and a lifting platform. The lifting platform serves to raise the box to the level of the printing stations which are arranged so as to print all four sides of the box simultaneously. The box is aligned relative to the printing stations by means of a positioning mechanism and securely clamped.

IPC 1-7

**B41F 17/24**

IPC 8 full level

**B41F 15/08** (2006.01)

CPC (source: EP US)

**B41F 15/0881** (2013.01 - EP US)

Citation (examination)

DE 2207371 A1 19730823 - ISIMAT SIEBDRUCK INH PETER ALT

Cited by

CN105437746A; CN105437747A; DE4210318A1; EP0372655A1; EP0456261A1; US5156088A

Designated contracting state (EPC)

AT CH DE FR GB IT LI SE

DOCDB simple family (publication)

**EP 0046474 A1 19820303; EP 0046474 B1 19840502**; AT E7281 T1 19840515; DE 3067693 D1 19840607; JP H0218984 B2 19900427; JP S5772861 A 19820507; US 4455935 A 19840626

DOCDB simple family (application)

**EP 80810260 A 19800821**; AT 80810260 T 19800821; DE 3067693 T 19800821; JP 13084181 A 19810820; US 50446683 A 19830615