

Title (en)

APPARATUS FOR APPLYING INK INDICIA TO BOARDS

Title (de)

VORRICHTUNG ZUM AUFBRINGEN VON TINTENZEICHEN AUF PLATTEN

Title (fr)

APPAREIL POUR APPLIQUER UN MARQUAGE A L'ENCRE A DES PANNEAUX

Publication

EP 1636034 A1 20060322 (EN)

Application

EP 03817677 A 20030624

Priority

US 0319894 W 20030624

Abstract (en)

[origin: WO2005009735A1] In an apparatus for applying ink patterns on oriented strand boards, the boards are serially moved closely adjacent to and past ink jets (32), and ink is deposited on the boards (4). To deposit the ink accurately on the boards they are advanced by pinch and drive rollers, which also ensure that the boards are flat as they move past the jets. Detectors (53) are used to detect boards, which cannot be flattened or are irregular in shape and in such a case the ink jets are moved to avoid impact by an irregular board. During printing, the panels and the ink jets are about 0.0625 inches to about 0.125 inches apart, and the panels are moved at a rate of about 150 ft/minute to 600 ft/minute.

IPC 1-7

B41J 2/00; B05B 3/00; B05C 11/00

IPC 8 full level

B05B 13/02 (2006.01); **B41J 3/28** (2006.01); **B41J 3/407** (2006.01)

CPC (source: EP)

B41J 3/28 (2013.01); **B41J 3/407** (2013.01); **B05B 13/0221** (2013.01)

Citation (search report)

See references of WO 2005009735A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005009735 A1 20050203; BR 0313325 A 20050614; CA 2492712 A1 20041224; CA 2492712 C 20080429; CN 1681656 A 20051012; EP 1636034 A1 20060322; NO 20050342 D0 20050121; NO 20050342 L 20050811; NZ 537612 A 20060929

DOCDB simple family (application)

US 0319894 W 20030624; BR 0313325 A 20030624; CA 2492712 A 20030624; CN 03822433 A 20030624; EP 03817677 A 20030624; NO 20050342 A 20050121; NZ 53761203 A 20030624