

Title (en)

Apparatus for producing a perforated track in a travelling web, e.g. a paper web

Title (de)

Vorrichtung zum Erzeugen einer Perforationsspur in einer laufenden Bahn, z.B. Papierbahn

Title (fr)

Appareil pour produire une trace de perforation sur une bande en mouvement, par exemple une bande de papier

Publication

EP 0744367 B1 20010411 (DE)

Application

EP 96108160 A 19960522

Priority

DE 29508732 U 19950526

Abstract (en)

[origin: US5881622A] A device for producing a track of perforations transverse to a paper web including a support for advancing the web past the device, a rotatable shaft at one side of the web, a perforating comb supported on and rotatable on the shaft when the shaft is rotated. A web support body on the opposite side of the web from the shaft contains a groove in the underside of the web support body into which the perforation comb teeth extend when the perforation comb rotates past the web. The web contacts the underside of the web support body and also the ends of transverse ribs which divide the groove in the web support body into individual sections.

IPC 1-7

B65H 29/22; **B65H 35/00**; **B65H 19/26**; **B26D 7/20**; **B26F 1/20**; **B26F 1/24**; **B65H 35/08**

IPC 8 full level

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CPC (source: EP KR US)

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Cited by

FR3018795A1; US6289777B1; WO9855278A1; WO2015140466A1; WO2008125723A1; US8167229B2

Designated contracting state (EPC)

AT CH DE ES FI FR GB IT LI SE

DOCDB simple family (publication)

US 5881622 A 19990316; AT E200467 T1 20010415; BR 9601720 A 19980331; CA 2177313 A1 19961127; CA 2177313 C 20030729; DE 29508732 U1 19950921; DE 59606739 D1 20010517; EP 0744367 A2 19961127; EP 0744367 A3 19980527; EP 0744367 B1 20010411; ES 2157365 T3 20010816; JP 2920822 B2 19990719; JP H09117897 A 19970506; KR 960040583 A 19961217

DOCDB simple family (application)

US 65292596 A 19960524; AT 96108160 T 19960522; BR 9601720 A 19960523; CA 2177313 A 19960524; DE 29508732 U 19950526; DE 59606739 T 19960522; EP 96108160 A 19960522; ES 96108160 T 19960522; JP 12662496 A 19960522; KR 19960017852 A 19960525