

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: EP0744367A2] A pivot mounted shaft (4.1) has a perforating comb (4.3) at one point on its periphery, with a pivot axis (4.2) running across the direction of travel and positioned on one side of the paper web (2). The other side of the paper web has a stationary support (4.5) which has at least one recess (4.6) into which the points (4.7) of the perforating comb fit during rotation. The distance between the shaft and support can be adjusted. The support is in the form of a groove the interior of which is divided by at least one transverse ridge (4.8). The perforating comb has no point near each transverse ridge.

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

B26D 7/20 (2006.01); **B26F 1/20** (2006.01); **B26F 1/24** (2006.01); **B65H 19/26** (2006.01); **B65H 29/22** (2006.01); **B65H 35/00** (2006.01); **B65H 35/08** (2006.01)

CPC (source: EP KR US)

B26D 7/20 (2013.01 - EP KR US); **B26F 1/20** (2013.01 - EP KR US); **B26F 1/24** (2013.01 - EP KR US); **B65H 19/26** (2013.01 - EP KR US); **B26D 2007/20** (2013.01 - EP KR US); **B65H 2301/41894** (2013.01 - EP US); **B65H 2301/5152** (2013.01 - EP US); **Y10T 83/4847** (2015.04 - EP US); **Y10T 83/9314** (2015.04 - EP US); **Y10T 225/329** (2015.04 - EP US)

Cited by

FR3018795A1; US8167229B2; US6289777B1; WO9855278A1; WO2015140466A1; WO2008125723A1

Designated contracting state (EPC)

AT CH DE ES FI FR GB IT LI SE

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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