

Title (en)

Device for guiding a fibrous web comprising a stationary slide rail

Title (de)

Vorrichtung zum Führen einer Faserstoffbahn mit einer stationären Gleitleiste

Title (fr)

Dispositif pour guider une bande fibreuse avec une barre de glissement stationnaire

Publication

EP 0744366 B1 20020821 (DE)

Application

EP 96107713 A 19960515

Priority

DE 29508421 U 19950520

Abstract (en)

[origin: EP0744366A2] The steel slide strip (10) extends over the whole width (B) of the web (7); has a convex cross-section, and a surface (11) coming into contact with the moving web. Near the side strip is at least one driven guide roller (12) for the web and which produces sufficient speed to form an aerodynamic lubricating wedge effect. The surface of the strip has a coating of hard metal or ceramic and is polished. An oblique blast drying unit (9) is positioned near the slide strip. A wiper unit (8) shapes the web. An air inlet (13) is near the edges of the web.

IPC 1-7

B65H 23/26; **F26B 13/10**; **B65H 23/022**

IPC 8 full level

B65H 23/022 (2006.01); **B65H 23/24** (2006.01); **B65H 23/26** (2006.01); **B65H 23/34** (2006.01); **D21F 1/38** (2006.01); **D21G 9/00** (2006.01); **F26B 13/10** (2006.01)

CPC (source: EP US)

B65H 23/022 (2013.01 - EP US); **B65H 23/24** (2013.01 - EP US); **B65H 23/26** (2013.01 - EP US); **B65H 23/34** (2013.01 - EP US); **D21F 1/38** (2013.01 - EP US); **D21G 9/009** (2013.01 - EP US); **F26B 13/10** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US)

Cited by

EP0959033A3; US6241179B1

Designated contracting state (EPC)

AT DE FI IT SE

DOCDB simple family (publication)

US 5855672 A 19990105; AT E222560 T1 20020915; CA 2176872 A1 19961121; CN 1136616 A 19961127; DE 29508421 U1 19950914; DE 59609569 D1 20020926; EP 0744366 A2 19961127; EP 0744366 A3 19971029; EP 0744366 B1 20020821; US 6174368 B1 20010116; US 6402842 B1 20020611

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US 64858496 A 19960603; AT 96107713 T 19960515; CA 2176872 A 19960517; CN 96100288 A 19960517; DE 29508421 U 19950520; DE 59609569 T 19960515; EP 96107713 A 19960515; US 22342098 A 19981230; US 69261300 A 20001019