

Title (en)

Devices for the treating and/or conveying of a web

Title (de)

Vorrichtungen zur Bearbeitung und/oder Förderung einer Bahn

Title (fr)

Dispositifs pour le traitement et l'entraînement d'un matériau en bande

Publication

**EP 1602609 B1 20070829 (DE)**

Application

**EP 05104189 A 20031203**

Priority

- EP 03788841 A 20031203
- DE 10259681 A 20021218
- DE 10313774 A 20030327

Abstract (en)

[origin: WO2004056686A1] The invention relates to a device for treating and/or conveying a strip of material (01, 02, 26, 36) in a treating and/or processing machine. The inventive device comprises at least one strip-treating tool embodied in the form of a folding cone (06, 07) and one strip-treating tool embodied in the form of a knife (05, 28, 32). Said knife and folding cone are transversally displaceable in the direction of motion of the strip of material (01, 02, 26, 36) by means of a regulating element (08, 11, 34).

IPC 8 full level

**B65H 45/00** (2006.01); **B65H 23/035** (2006.01); **B65H 23/26** (2006.01); **B65H 35/02** (2006.01); **B65H 45/22** (2006.01)

CPC (source: EP US)

**B65H 23/26** (2013.01 - EP US); **B65H 35/02** (2013.01 - EP US); **B65H 45/221** (2013.01 - EP US); **B65H 45/226** (2013.01 - EP US); **B65H 2301/4148** (2013.01 - EP US); **B65H 2403/52** (2013.01 - EP US); **B65H 2511/12** (2013.01 - EP US); **B65H 2511/20** (2013.01 - EP US)

C-Set (source: EP US)

1. **B65H 2511/12** + **B65H 2220/01** + **B65H 2220/04**
2. **B65H 2511/20** + **B65H 2220/04** + **B65H 2220/11**

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 2004056686 A1 20040708; WO 2004056686 B1 20040819;** AT E339381 T1 20061015; AT E356073 T1 20070315; AT E358093 T1 20070415; AT E371621 T1 20070915; AU 2003293001 A1 20040714; CN 100519377 C 20090729; CN 1729133 A 20060201; DE 10313774 A1 20040715; DE 10313774 B4 20061214; DE 20321804 U1 20100422; DE 50305065 D1 20061026; DE 50306778 D1 20070419; DE 50306942 D1 20070510; DE 50308088 D1 20071011; DE 50308712 D1 20080110; EP 1556301 A1 20050727; EP 1556301 B1 20060913; EP 1602609 A2 20051207; EP 1602609 A3 20051221; EP 1602609 B1 20070829; EP 1602609 B2 20130821; EP 1604931 A2 20051214; EP 1604931 A3 20060104; EP 1604931 B1 20070307; EP 1655256 A1 20060510; EP 1655256 B1 20070328; EP 1655256 B2 20131009; EP 1785379 A1 20070516; EP 1785379 B1 20071128; EP 1785379 B2 20130313; ES 2270150 T3 20070401; ES 2281882 T3 20071001; ES 2281885 T3 20071001; ES 2290850 T3 20080216; ES 2296283 T3 20080416; US 2007194169 A1 20070823; US 7523925 B2 20090428

DOCDB simple family (application)

**DE 0303972 W 20031203;** AT 03788841 T 20031203; AT 05104185 T 20031203; AT 05104189 T 20031203; AT 05113062 T 20031203; AU 2003293001 A 20031203; CN 200380106972 A 20031203; DE 10313774 A 20030327; DE 20321804 U 20031203; DE 50305065 T 20031203; DE 50306778 T 20031203; DE 50306942 T 20031203; DE 50308088 T 20031203; DE 50308712 T 20031203; EP 03788841 A 20031203; EP 05104185 A 20031203; EP 05104189 A 20031203; EP 05113062 A 20031203; EP 07100518 A 20031203; ES 03788841 T 20031203; ES 05104185 T 20031203; ES 05104189 T 20031203; ES 05113062 T 20031203; ES 07100518 T 20031203; US 54020903 A 20031203