

Title (en)
Method for guiding and separating a paper web

Title (de)
Verfahren zum Führen und Trennen einer Papierbahn

Title (fr)
Procédé pour guider et séparer une bande de papier

Publication
EP 1110723 B1 20030219 (DE)

Application
EP 01106215 A 19980608

Priority
• DE 19723749 A 19970606
• EP 98936113 A 19980608

Abstract (en)
[origin: DE19723749A1] The invention relates to a method for cross-separating a moving paper strip (1) along a given separation line (68, 69). The paper strip (1) moving along a first plane of conveyance (A) is held and conveyed by a retaining system (9, 13, 21-24, 44) which can move in the direction of the production line (E). Said paper strip is then fed to a second plane of conveyance (B, C) different from the first plane of conveyance (A), whereby the paper strip (1) is torn on the desired separation line (68, 69) running at an angle to the direction of the production line (E).

IPC 1-7
B41F 13/60; B65H 35/10; B41F 13/02

IPC 8 full level
B26D 9/00 (2006.01); **B26F 3/00** (2006.01); **B41F 13/004** (2006.01); **B41F 13/02** (2006.01); **B41F 13/03** (2006.01); **B41F 13/60** (2006.01); **B65H 35/04** (2006.01); **B65H 35/10** (2006.01); **B65H 41/00** (2006.01)

CPC (source: EP US)
B26D 9/00 (2013.01 - EP US); **B26F 3/002** (2013.01 - EP US); **B41F 13/03** (2013.01 - EP US); **B41F 13/60** (2013.01 - EP US); **B65H 35/04** (2013.01 - EP US); **B65H 35/10** (2013.01 - EP US); **B65H 41/00** (2013.01 - EP US); **Y10T 83/0467** (2015.04 - EP US); **Y10T 83/2074** (2015.04 - EP US); **Y10T 83/2185** (2015.04 - EP US); **Y10T 225/12** (2015.04 - EP US); **Y10T 225/321** (2015.04 - EP US); **Y10T 225/336** (2015.04 - EP US); **Y10T 225/35** (2015.04 - EP US); **Y10T 225/393** (2015.04 - EP US)

Designated contracting state (EPC)
CH DE ES FR GB IT LI

DOCDB simple family (publication)
DE 19723749 A1 19981210; CN 1103286 C 20030319; CN 1259083 A 20000705; DE 59802247 D1 20020110; DE 59807218 D1 20030320; DE 59807267 D1 20030327; EP 0986478 A1 20000322; EP 0986478 B1 20011128; EP 1110723 A2 20010627; EP 1110723 A3 20010808; EP 1110723 B1 20030219; EP 1110724 A2 20010627; EP 1110724 A3 20010808; EP 1110724 B1 20030212; ES 2166175 T3 20020401; ES 2189774 T3 20030716; ES 2189775 T3 20030716; JP 2000512968 A 20001003; JP 3490462 B2 20040126; US 6419217 B1 20020716; WO 9855313 A1 19981210

DOCDB simple family (application)
DE 19723749 A 19970606; CN 98805834 A 19980608; DE 59802247 T 19980608; DE 59807218 T 19980608; DE 59807267 T 19980608; DE 9801557 W 19980608; EP 01106215 A 19980608; EP 01106216 A 19980608; EP 98936113 A 19980608; ES 01106215 T 19980608; ES 01106216 T 19980608; ES 98936113 T 19980608; JP 50131499 A 19980608; US 42486199 A 19991206