

Title (en)

Peripheral rewinding machine and method for producing logs of web material

Title (de)

Umfangsangetriebene Wickelmaschine und Verfahren zur Produktion von Rollen aus Bahnmaterial

Title (fr)

Enrouleuse à entraînement périphérique et méthode pour la production de rouleaux de matériau en bande

Publication

EP 1205414 A3 20040512 (EN)

Application

EP 01122438 A 20010920

Priority

IT MI20002399 A 20001107

Abstract (en)

[origin: EP1205414A2] A rewinding machine for the production of logs (1) of web materials (W) around a tubular core (2), comprising a first winding roller (A) around which the web material (W) is fed, a second winding roller (B) forming a gap (3) with the first winding roller (A), through which gap the core (2) is inserted, and a third roller (C) mounted movably to allow the diameter (1) of the log to increase and the log to be discharged at the end of winding, in which a blade (15) is provided, carried by a rotating member (14) pivoted on the axis (X) of said first winding roller (A) and protruding from the profile of the roller (A), the blade (15) rotating in the same direction as the first winding roller (A), at different speeds, so as to undergo a deceleration or an acceleration when it is in contact with the web material (W) in the winding space defined by the three rollers (A, B, C), to cause severing of the web material at the end of winding. The invention also concerns a method for producing logs of web material. <IMAGE>

IPC 1-7

B65H 19/26

IPC 8 full level

B26D 3/00 (2006.01); **B26D 1/40** (2006.01); **B65H 18/16** (2006.01); **B65H 19/22** (2006.01); **B65H 19/26** (2006.01)

CPC (source: EP)

B65H 19/26 (2013.01); **B26D 2210/11** (2013.01); **B65H 2408/235** (2013.01)

Citation (search report)

- [A] EP 0853060 A1 19980715 - ITALCONVERTING SRL [IT]
- [A] FR 2547802 A1 19841228 - JAGENBERG AG [DE]
- [A] EP 0716997 A2 19960619 - VALMET CORP [FI]

Cited by

ITFI20100025A1; CN106715300A; EP3293133A1; IT201600091411A1; US9079737B2; US10562725B2; WO2011104737A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

EP 1205414 A2 20020515; **EP 1205414 A3 20040512**; **EP 1205414 B1 20061108**; AT E344774 T1 20061115; CA 2357336 A1 20020507; DE 60124366 D1 20061221; DE 60124366 T2 20070906; ES 2275597 T3 20070616; IT 1319321 B1 20031010; IT MI20002399 A1 20020507; JP 2002205853 A 20020723; MX PA01011253 A 20040625

DOCDB simple family (application)

EP 01122438 A 20010920; AT 01122438 T 20010920; CA 2357336 A 20010914; DE 60124366 T 20010920; ES 01122438 T 20010920; IT MI20002399 A 20001107; JP 2001340929 A 20011106; MX PA01011253 A 20011106