

Title (en)
Method and winding machine for winding a material web

Title (de)
Verfahren und Wickelmaschine zum Aufwickeln einer Materialbahn

Title (fr)
Méthode et enrouleuse pour enrouler une bande de matériau

Publication
EP 1291309 A3 20050209 (DE)

Application
EP 02019602 A 20020903

Priority
DE 10144014 A 20010907

Abstract (en)
[origin: EP1291309A2] For the continuous winding of a paper/cardboard web (12) into a roll, the web is passed partially around a carrier drum (18) on a transport system, and the winding roll (16) is at a second transport system. A winding gap (24) between them is on a plane (E1) through the axes (20,22) of the drum and roll, with a controlled linear force in the winding gap. As the diameter of the wound roll increases, the vertical positions of the drum and roll are changed for a new reeling drum (14') to be prepared in a holder, with a new winding gap (24') between it and the carrier drum. The web is cut, and the new leading end laid on the new reeling drum, and the fully-wound paper roll is removed, for winding to continue.

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IPC 8 full level
B65H 19/22 (2006.01)

CPC (source: EP)
B65H 19/2253 (2013.01); **B65H 2408/236** (2013.01)

Citation (search report)
• [XA] US 5577685 A 19961126 - JUNK DIETER [DE]
• [XA] US 5931406 A 19990803 - SIEBERT KLAUS [US]
• [XA] DE 4428249 A1 19950223 - CHEMIEFASER LENZING AG [AT]
• [A] DE 4410959 A1 19951005 - SIEMENS AG [DE]
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