

Title (en)

Method of winding a paper web into a roll

Title (de)

Verfahren zum Aufwickeln einer Papierbahn zu einer Rolle

Title (fr)

Procédé pour enrouler une bande de papier en un rouleau

Publication

EP 0792829 B1 19991208 (DE)

Application

EP 97101106 A 19970124

Priority

DE 19607349 A 19960227

Abstract (en)

[origin: US5988557A] For winding up of a paper web to form a paper roll, a first reel spool is accelerated to the speed of the web and brought into a first, start-of-winding position in which it forms a nip with a driveable press drum. The beginning of the web of paper is guided around the press drum and is wound onto the first reel spool. When a first layer thickness has been wound, the first reel spool is transferred into a second, complete-winding position and the paper roll is wound up there to its desired layer thickness. During the entire winding process, the press drum or a special press roll are pressed against the winding surface of the developing paper roll, a torque is introduced into the axis of the first reel spool by means of a central drive and the press drum and/or press roll and the first reel spool with the developing paper roll thereon are displaced, preferably exclusively horizontally, without substantial changes in the direction or orientation of those elements. Then a second reel spool is accelerated and brought into the first position before transferring the web to the second reel spool.

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IPC 8 full level

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CPC (source: EP KR US)

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B65H 2301/41361 (2013.01 - EP KR US); **B65H 2301/414443** (2013.01 - EP KR US); **B65H 2408/236** (2013.01 - EP KR US);
B65H 2408/2364 (2013.01 - EP KR US)

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Designated contracting state (EPC)

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DE 19607349 A1 19970828; DE 59700810 D1 20000113; EP 0792829 A2 19970903; EP 0792829 A3 19980527; EP 0792829 B1 19991208;
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