

Title (en)

Web material winding machine

Title (de)

Wickelmaschine für Bahnmaterial

Title (fr)

Machine de renvideur de matériau de toile

Publication

EP 1982939 A1 20081022 (EN)

Application

EP 07007747 A 20070417

Priority

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Abstract (en)

A web material winding machine (100) includes a core tube storage tank (1), a guiding unit (2), a transmission means (3), a web material feeding assembly (4), a gripping assembly (5) and a second gluing mechanism (6). A core tube (300) is glued with initial glue and conveyed from the guiding unit (2) to the transmission means (3). Meanwhile, the web material (200) is fed by the web material feeding assembly (4) to the transmission means (3) at a normal speed. The transmission means (3) pushes the core tube (300) to move through a transporting passage (34) to the gripping assembly (5) and the web material (200) is stuck to the core tube (300). The web material (200) winds around the core tube (300) at the winding region (53). When the winding is nearly completed, a new core tube (300) is conveyed to the transporting passage (34) and interferes the speeding of web material (200), causing the web material (200) to tear along the perforation line. A tail glue is applied to the completed core tube (400) by the second gluing mechanism (6) and a roll (400) is produced.

IPC 8 full level

B65H 19/29 (2006.01); **B65H 19/22** (2006.01); **B65H 19/26** (2006.01); **B65H 19/28** (2006.01)

CPC (source: EP)

B65H 19/2269 (2013.01); **B65H 19/267** (2013.01); **B65H 19/283** (2013.01); **B65H 19/29** (2013.01); **B65H 2301/414421** (2013.01); **B65H 2301/41814** (2013.01); **B65H 2408/235** (2013.01)

Citation (applicant)

US 5979818 A 19991109 - PERINI EVA [IT], et al

Citation (search report)

- [A] WO 0164563 A2 20010907 - PERINI FABIO SPA [IT], et al
- [A] EP 1520814 A2 20050406 - PERINI FABIO [IT]
- [A] WO 2004035441 A1 20040429 - PERINI FABIO SPA [IT], et al
- [A] US 6056229 A 20000502 - BLUME JOSEPH A [US], et al
- [A] EP 1232980 A1 20020821 - MTC MACCHINE TRASFORMAZIONE [IT]
- [L] WO 2007083336 A2 20070726 - PERINI FABIO SPA [IT], et al

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CN103153829A; CN104773578A; CN107601123A; US10427903B2; US10442649B2; US10427902B2; WO2012042549A1; US9352920B2; US9701505B2; JP2013539739A

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