Title (en)

Improved apparatus for rolling up compressible fibrous materials

Title (de)

Apparat zum Aufrollen von zusammenpressbaren Faserstoffmaterialien

Title (fr)

Appareil pour enrouler des matériaux fibreux compressibles

Publication

EP 0949172 B1 20010321 (EN)

Application

EP 98830212 A 19980407

Priority

EP 98830212 A 19980407

Abstract (en)

[origin: EP0949172A1] An improved apparatus for rolling up compressible fibrous materials has been devised in which a conveyor member (2) carries a ribbon of compressible fibrous material to be coiled up (4). A deflection member (3) cooperating with the conveyor member defines a solid angle (gamma) therewith. A restricting member (5) moved by drive means operates at the solid angle (gamma) between the conveyor member and the deflection member to define a rolling-up space (6) with them. Detecting means (12) generates a signal (13) proportional to a reaction load transmitted by the roll being wound and a control unit (14) active on the drive means (7) varies the displacement speed (Vs) of the restricting member (5), depending on the signal (13) generated by the detecting means. <IMAGE>

IPC 1-7

B65H 18/22; B65H 18/26

IPC 8 full level

B65H 18/22 (2006.01); **B65H 18/26** (2006.01)

CPC (source: EP)

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Cited by

CN108725914A; JP2022541910A; EP1026302A3; DE102015112142A1; FR3018795A1; FR2991301A1; CN104520217A; US9701504B2; US7100862B2; WO2013182777A1; WO2009068738A1; WO2015140466A1; WO2006032154A1

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