

Title (en)  
Improvements to re-reeling machines for sheet material.

Title (de)  
Verbesserung an Aufwicklern für blattartiges Material.

Title (fr)  
Améliorations pour machines de rembobinage de matériaux en feuille.

Publication  
**EP 0498039 B1 19941228 (EN)**

Application  
**EP 91117954 A 19911022**

Priority  
IT MI910042 A 19910109

Abstract (en)  
[origin: EP0498039A1] A re-reeling machine for sheet materials, particularly paper, comprising a series of rollers (9, 10, 11, 13) for feeding the sheet material (20) at constant speed in the space between a group of three rollers (6, 7, 8), into which tubular cores (2) are introduced, around which the sheet material is wound to form reels (20), and in which at least one of the three rollers (6, 7, 8) is foreseen mobile in order to allow the increase in the diameter of the reel during making up and its discharge, the improvements consisting in providing, in addition to the general motorization of the machine which sets in motion the two winding rollers (6, 7), separate motorizations (M1-M4), respectively for setting in rotation the third roller (8), for moving such roller, to vary the centre distance between the rollers (6, 7), and for operating means (16) suitable for introducing the cores (2) into the space between the rollers, all the various motorizations being interlocked with a control unit (C). <IMAGE>

IPC 1-7  
**B65H 18/20**

IPC 8 full level  
**B65H 19/22** (2006.01); **B65H 19/30** (2006.01)

CPC (source: EP)  
**B65H 19/2269** (2013.01); **B65H 2301/41447** (2013.01); **B65H 2301/41812** (2013.01); **B65H 2301/41816** (2013.01); **B65H 2301/41822** (2013.01); **B65H 2408/235** (2013.01)

Cited by  
EP1557386A1; ITAR20130037A1; EP0620176A3; ITAR20130039A1; ITAR20130038A1; US5769352A; US5603467A; EP0616965A1; EP2213600A1; ITMI20090103A1; US5979818A; US5839680A; EP1520814A3; EP0909735A1; EP0695712A1; US5505405A; US10427903B2; US8302900B2; US10442649B2; US10427902B2; WO02051601A3; US7472861B2; US6648266B1; WO9534498A1; WO9429205A1; WO9421545A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB LI LU NL SE

DOCDB simple family (publication)  
**EP 0498039 A1 19920812**; **EP 0498039 B1 19941228**; AT E116261 T1 19950115; DE 69106338 D1 19950209; DE 69106338 T2 19950608; IT 1246226 B 19941116; IT MI910042 A0 19910109; IT MI910042 A1 19920709

DOCDB simple family (application)  
**EP 91117954 A 19911022**; AT 91117954 T 19911022; DE 69106338 T 19911022; IT MI910042 A 19910109