

Title (en)
Coreless winding method

Title (de)
Verfahren zum Aufwickeln von kernlosen Rollen

Title (fr)
Procédé pour enrouler de bobines sans noyau

Publication
EP 0616965 B1 19970521 (EN)

Application
EP 94102660 A 19940222

Priority
• US 3670293 A 19930326
• US 13954593 A 19931020

Abstract (en)
[origin: EP0616965A1] A method of coreless rewinding of retail-sized logs wherein the logs are developed alternately side-by-side on small diameter elongated mandrels, comprising the steps of providing first and second elongated winding mandrels (15,15';115,115') and alternately winding a web directly on first mandrel to develop a predetermined diameter log (L) while stripping a previously wound log from said second mandrel, said winding step including supporting each mandrel substantially along its length while rotating each mandrel by contacting the same with surface drive means (17,18,17',18';117,118,117',118'), said stripping step including moving said first mandrel from a winding position to a stripping position and then back to said winding position while said web is being wound on said second mandrel and transversely severing said log into a plurality of retail-sized products. <IMAGE>

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IPC 8 full level
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CPC (source: EP)
B65H 19/2292 (2013.01); **B65H 2301/41426** (2013.01)

Cited by
US5890673A; US5725176A; US6585186B1; EP0785157A2; WO9961360A1; WO9712825A3; WO0216240A1

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