

Title (en)
Winder for film of plastic material

Title (de)
Wickler für Folie aus Plastikmaterial

Title (fr)
Enrouleuse pour film de matériau plastique

Publication
EP 1344735 B1 20070829 (EN)

Application
EP 02425144 A 20020312

Priority
EP 02425144 A 20020312

Abstract (en)
[origin: EP1344735A1] A winder (1) for film of plastic material comprises drawing assemblies for feeding the film (3) towards a winding zone wherein the film is wound on at least one pair of cores (10) supported by a spindle (8) rotated around its own axis, for the formation of rolls (80); spindle support means for supporting the spindle (8) in said winding zone; pressure control means (11, 25) for controlling the pressure of the film (3) on the roll (80) being formed during winding and during the changeover phase; spindle loading means (30, 40) suitable for loading a spindle with empty cores (10) from a magazine (60) to the winder; spindle unloading means (20) suitable for unloading the spindle with the formed rolls from the winder (1) to the magazine (60); and cutting means suitable for cutting transversely the film (3) once at least one roll (80) has been completed on the spindle (8) which has to be unloaded towards the magazine (60); the spindle support means comprising at least two cradles (9) mounted fixed in the shoulders (2) of the frame of the machine, and said pressure control means comprising at least one roller (14, 25) mounted movably so as to adjust to the increase in diameter of the roll (80) being formed in the winding zone. <IMAGE>

IPC 8 full level
B65H 18/10 (2006.01); **B65H 19/22** (2006.01); **B65H 19/30** (2006.01)

CPC (source: EP)
B65H 18/106 (2013.01); **B65H 19/2284** (2013.01); **B65H 19/305** (2013.01); **B65H 2301/41421** (2013.01); **B65H 2301/44334** (2013.01); **B65H 2404/11211** (2013.01); **B65H 2601/524** (2013.01)

Cited by
CN102180369A; CN115556369A; CN111924592A; CN102161448A; CN100424816C; CN111348474A; CN113430496A; CN117485962A; CN104891234A; CN110223836A; CN111392476A; CN107745990A; CN114229553A; US8713779B2; WO2009004659A1

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