

Title (en)
Winder to roll up paper webs.

Title (de)
Wickelmaschine zum Aufwickeln einer laufenden Bahn.

Title (fr)
Enrouleur pour feuilles continues.

Publication
EP 0450311 B1 19940112 (DE)

Application
EP 91103142 A 19910302

Priority
DE 4011009 A 19900405

Abstract (en)
[origin: US5154367A] A winder for winding a running web on a winding drum having a journal at each end. Each one of a pair of primary levers has a fork at one end for receiving one of the journals. As the roll is progressively wound, the winding drum is swivelable from a first position situated generally above the backing roll to a second position offset from the first position by an angle of about 90 degrees. The winding drum is received from the primary levers at a pair of secondary levers at the second position. A generally horizontal guideway for the drum extends from the second position to a third position. The roll and the winding drum are forced onto the backing roll by a contact pressure device. A driven cam plate is coordinated with each of the primary levers so that a cam plate and the primary lever at least partially pass a primary section between said first and second positions, thereby relieving part of the pressure on the winding drum and roll wound thereon in accordance with the contour of the roll, and according to the distance of travel negotiated from the first position to the second position.

IPC 1-7
B65H 18/06

IPC 8 full level
B65H 18/06 (2006.01); **B65H 19/22** (2006.01)

CPC (source: EP US)
B65H 19/2261 (2013.01 - EP US); **B65H 2408/236** (2013.01 - EP US); **B65H 2515/12** (2013.01 - EP US)

Cited by
US5848756A; CN1064926C; WO9701502A1

Designated contracting state (EPC)
AT CH ES FR GB IT LI SE

DOCDB simple family (publication)
US 5154367 A 19921013; AT E100062 T1 19940115; BR 9101272 A 19911126; CA 2039876 A1 19911006; DE 4011009 C1 19910606; EP 0450311 A1 19911009; EP 0450311 B1 19940112; ES 2048516 T3 19940316; FI 911473 A0 19910326; FI 911473 A 19911006; JP H0592849 A 19930416; NO 176511 B 19950109; NO 176511 C 19950419; NO 911248 D0 19910326; NO 911248 L 19911007

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US 68050191 A 19910404; AT 91103142 T 19910302; BR 9101272 A 19910325; CA 2039876 A 19910405; DE 4011009 A 19900405; EP 91103142 A 19910302; ES 91103142 T 19910302; FI 911473 A 19910326; JP 7573491 A 19910315; NO 911248 A 19910326