

Title (en)
Winding device and method to take up material webs

Title (de)
Wickelvorrichtung und Verfahren zum Aufwickeln von Materialbahnen

Title (fr)
Dispositif et procédé de bobinage pour l'enroulement de bandes de matériau

Publication
EP 0918033 B1 20020807 (DE)

Application
EP 98120239 A 19981026

Priority
DE 19751856 A 19971122

Abstract (en)
[origin: EP0918033A1] A roll support device (14) is positioned next to at least one of the support rollers (11, 12) outside the winding bed region (10), the device comprising a rotatably driven supported roller that can be used to urge against a support roller.

IPC 1-7
B65H 19/22; B65H 18/10; B65H 18/20

IPC 8 full level
B65H 18/10 (2006.01); **B65H 18/20** (2006.01); **B65H 19/22** (2006.01)

CPC (source: EP US)
B65H 18/10 (2013.01 - EP US); **B65H 18/20** (2013.01 - EP US); **B65H 2301/414866** (2013.01 - EP US); **B65H 2406/13** (2013.01 - EP US)

Designated contracting state (EPC)
AT DE FI FR GB SE

DOCDB simple family (publication)
EP 0918033 A1 19990526; EP 0918033 B1 20020807; AT E221846 T1 20020815; CA 2254149 A1 19990522; CA 2254149 C 20020827; DE 19751856 A1 19990602; DE 19751856 C2 19991104; DE 59805086 D1 20020912; US 6059219 A 20000509

DOCDB simple family (application)
EP 98120239 A 19981026; AT 98120239 T 19981026; CA 2254149 A 19981120; DE 19751856 A 19971122; DE 59805086 T 19981026; US 18820998 A 19981109