

Title (en)
DEVICE FOR PRODUCING FOIL ROLLS

Title (de)
VORRICHTUNG ZUR HERSTELLUNG VON FOLIENROLLEN

Title (fr)
DISPOSITIF POUR LA PRODUCTION DE ROULEAUX DE FILM

Publication
EP 1453750 A1 20040908 (DE)

Application
EP 02787851 A 20021128

Priority
• DE 20120240 U 20011214
• EP 0213408 W 20021128

Abstract (en)
[origin: US2005077416A1] A device for producing film rolls, which is in particular suitable for producing coreless film rolls, comprises a roll holder for receiving a film roll comprising a film sheet to be wound off. The film sheet is wound up to a winding mandrel for producing the preferably coreless film roll. For producing in particular a coreless film roll the winding mandrel comprises a plurality of radially displaceable holding segments extending in longitudinal direction of the winding mandrel. After transfer of the winding mandrel, together with the wound-up film roll, to a transport means, the winding mandrel is transported to a delivery station. The delivery station serving for automatically delivering the wound-up film roll from the winding mandrel comprises a displacement means with the aid of which the holding elements of the winding mandrel are displaced into a delivery position. In this delivery position the outer diameter of the winding mandrel is smaller such that the film roll is delivered from the winding mandrel and falls onto a transport belt.

IPC 1-7
B65H 19/22

IPC 8 full level
B65H 18/04 (2006.01); **B65H 19/22** (2006.01); **B65H 19/30** (2006.01)

CPC (source: EP KR US)
B65H 19/22 (2013.01 - KR); **B65H 19/2207** (2013.01 - EP US); **B65H 19/2276** (2013.01 - EP US); **B65H 2301/3251** (2013.01 - EP US); **B65H 2301/41818** (2013.01 - EP US); **B65H 2408/23157** (2013.01 - EP US)

Citation (search report)
See references of WO 03051751A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)
US 2005077416 A1 20050414; **US 7204448 B2 20070417**; AT E317366 T1 20060215; AU 2002352171 A1 20030630; AU 2002352171 B2 20060105; CA 2472488 A1 20030626; CA 2472488 C 20080429; CN 1307084 C 20070328; CN 1610639 A 20050427; DE 20120240 U1 20030424; DE 50205806 D1 20060420; DK 1453750 T3 20060612; EP 1453750 A1 20040908; EP 1453750 B1 20060208; ES 2257591 T3 20060801; HK 1068123 A1 20050422; JP 2005511455 A 20050428; JP 4225485 B2 20090218; KR 100943507 B1 20100222; KR 20040077672 A 20040906; MX PA04005791 A 20050517; NZ 533431 A 20051223; PT 1453750 E 20060531; WO 03051751 A1 20030626

DOCDB simple family (application)
US 49831204 A 20041117; AT 02787851 T 20021128; AU 2002352171 A 20021128; CA 2472488 A 20021128; CN 02825016 A 20021128; DE 20120240 U 20011214; DE 50205806 T 20021128; DK 02787851 T 20021128; EP 0213408 W 20021128; EP 02787851 A 20021128; ES 02787851 T 20021128; HK 05101886 A 20050304; JP 2003552644 A 20021128; KR 20047009181 A 20021128; MX PA04005791 A 20021128; NZ 53343102 A 20021128; PT 02787851 T 20021128