

Title (en)
SUPPLYING DEVICE FOR FILM CORES AND METHOD FOR SUPPLYING FILM CORES

Title (de)
BEREITSTELLUNGSVORRICHTUNG FÜR FOLIENROLLENKERNE UND VERFAHREN ZUM BEREITSTELLEN VON FOLIENROLLENKERNEN

Title (fr)
DISPOSITIF ET PROCÉDE DE MISE EN OEUVRE D'AMES DE ROULEAUX DE FEUILLES

Publication
EP 1467939 B1 20060510 (DE)

Application
EP 02799046 A 20021128

Priority
• DE 10162179 A 20011218
• EP 0213409 W 20021128

Abstract (en)
[origin: WO03051752A1] A supplying device for film cores (12) for a film roll winding machine, in which the film rolls (12) are vertically arranged, comprises a feeding device (10) for horizontally feeding film cores (12). The feeding device (10) is connected to a raising device (32) that serves to transfer a film core (12) out of a horizontal position and into a vertical position. The film core (12) is removed from the raising device (32) by means of a transfer device (36) and is transferred to the film roll winding machine.

IPC 8 full level
B65H 19/30 (2006.01)

CPC (source: EP KR US)
B65H 19/30 (2013.01 - KR); **B65H 19/305** (2013.01 - EP US); **B65H 2301/4131** (2013.01 - EP US); **B65H 2301/41814** (2013.01 - EP US); **B65H 2301/41816** (2013.01 - EP US)

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)
WO 03051752 A1 20030626; AT E325767 T1 20060615; AU 2002364276 A1 20030630; AU 2002364276 B2 20060406;
CA 2472486 A1 20030626; CN 1321047 C 20070613; CN 1610640 A 20050427; DE 10162179 A1 20030710; DE 50206767 D1 20060614;
DK 1467939 T3 20060918; EP 1467939 A1 20041020; EP 1467939 B1 20060510; ES 2262890 T3 20061201; JP 2005511456 A 20050428;
KR 20040069331 A 20040805; MX PA04006050 A 20041112; NZ 533583 A 20060526; PT 1467939 E 20060929; US 2005072873 A1 20050407;
US 7258298 B2 20070821

DOCDB simple family (application)
EP 0213409 W 20021128; AT 02799046 T 20021128; AU 2002364276 A 20021128; CA 2472486 A 20021128; CN 02825295 A 20021128;
DE 10162179 A 20011218; DE 50206767 T 20021128; DK 02799046 T 20021128; EP 02799046 A 20021128; ES 02799046 T 20021128;
JP 2003552645 A 20021128; KR 20047009344 A 20021128; MX PA04006050 A 20021128; NZ 53358302 A 20021128; PT 02799046 T 20021128;
US 49879804 A 20041122