

Title (en)

FILM DEREELER WITH A DISK BRAKE

Title (de)

FOLIENABWICKLUNG MIT SCHEIBENBREMSE

Title (fr)

DISPOSITIF DE DEROULEMENT DE FEUILLE POURVU D'UN FREIN A DISQUE

Publication

**EP 1620340 A2 20060201 (DE)**

Application

**EP 04717039 A 20040304**

Priority

- EP 2004002192 W 20040304
- DE 10310189 A 20030306
- DE 10343586 A 20030918

Abstract (en)

[origin: WO2004077913A2] The invention relates to a device for dereeling a film web roll which is mounted on a rotating shaft.

IPC 1-7

**B65H 16/02; B65H 23/06**

IPC 8 full level

**B65H 16/04** (2006.01); **B65H 23/06** (2006.01)

CPC (source: EP US)

**B65H 16/04** (2013.01 - EP US); **B65H 23/06** (2013.01 - EP US); **B65H 2403/7255** (2013.01 - EP US)

Citation (search report)

See references of WO 2004077913A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004077913 A2 20040916; WO 2004077913 A3 20060810**; EP 1620340 A2 20060201; NO 20054283 L 20050916;  
US 2007170297 A1 20070726

DOCDB simple family (application)

**EP 2004002192 W 20040304**; EP 04717039 A 20040304; NO 20054283 A 20050916; US 54850504 A 20040304