

Title (en)
THREAD BRAKE

Title (de)
FADENBREMSE

Title (fr)
TENDEUR DE FILS A FREIN

Publication
EP 1519888 B1 20061115 (DE)

Application
EP 03737885 A 20030515

Priority
• DE 0301564 W 20030515
• DE 10229077 A 20020628

Abstract (en)
[origin: WO2004002866A1] Disclosed is a thread brake (1) comprising a rotatably mounted drum (2), means (3) for adjusting the torque of the drum (2), and several circumferential grooves (4) which are spaced apart in the direction of the axis (X) of the drum and receive threads (5).

IPC 8 full level
B65H 59/16 (2006.01); **B29C 53/80** (2006.01); **B65H 59/18** (2006.01); **B65H 81/08** (2006.01)

CPC (source: EP KR US)
B65H 57/16 (2013.01 - EP US); **B65H 59/16** (2013.01 - EP KR US); **B65H 81/08** (2013.01 - EP US); **B65H 2701/31** (2013.01 - EP US);
B65H 2701/38 (2013.01 - EP US)

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 PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2004002866 A1 20040108; AT E345301 T1 20061215; AU 2003245826 A1 20040119; DE 10229077 A1 20040129;
DE 50305697 D1 20061228; EP 1519888 A1 20050406; EP 1519888 B1 20061115; JP 2005537198 A 20051208; KR 20050013152 A 20050202;
US 2005184183 A1 20050825; US 7178753 B2 20070220

DOCDB simple family (application)
DE 0301564 W 20030515; AT 03737885 T 20030515; AU 2003245826 A 20030515; DE 10229077 A 20020628; DE 50305697 T 20030515;
EP 03737885 A 20030515; JP 2004516452 A 20030515; KR 20047020961 A 20030515; US 51885205 A 20050216