

Title (en)

DEVICE FOR DISPLACEABLE DIVIDER ELEMENTS, RUNNING GEAR AND DIVIDER ELEMENT

Title (de)

VORRICHTUNG FÜR VERSCHIEBBARE TRENNELEMENTE, LAUFWERK UND TRENNELEMENT

Title (fr)

DISPOSITIF POUR ELEMENTS DE SEPARATION COULISSANTS, CHARIOT ET ELEMENT DE SEPARATION

Publication

**EP 1552096 B1 20130417 (DE)**

Application

**EP 03727116 A 20030613**

Priority

- CH 0300383 W 20030613
- CH 11922002 A 20020705

Abstract (en)

[origin: WO2004005656A1] The invention relates to a device for operating an optionally rotatable and parkable divider element (3) which may be displaced in a linear and/or curved manner, fixed to at least two running gears (10a, 10b, 10c, 10d, 10e, 90), provided with support rollers (11, 12) which run in a running track (1), of which at least the first running gear (10a, 10b, 10c, 10d, 10e) is provided with a drive shaft (60) arranged in a direction perpendicular to the running direction thereof, by means of which a drive wheel (25) may be rotated which engages in a toothed element (24) arranged along an inner wall of the running track (1). According to the invention, the first running gear (10a, 10b, 10c, 10d, 10e) is provided with an electric motor (18), arranged between the support rollers, the motor shaft (183) of which is fixed to the drive shaft (60).

IPC 8 full level

**E05F 15/14** (2006.01); **E05D 15/06** (2006.01)

CPC (source: EP KR US)

**E05F 15/632** (2015.01 - KR); **E05F 15/638** (2015.01 - EP US); **E05D 15/0608** (2013.01 - EP US); **E05Y 2400/658** (2013.01 - EP US); **E05Y 2900/142** (2013.01 - EP US); **Y10T 74/18088** (2015.01 - EP US); **Y10T 74/18808** (2015.01 - EP US)

Cited by

EP2740870A1; EP3913177A1

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 2004005656 A1 20040115**; AU 2003233747 A1 20040123; AU 2003233747 B2 20080925; AU 2003233747 B9 20081016; CA 2490710 A1 20040115; CA 2490710 C 20081223; CN 1285823 C 20061122; CN 1666003 A 20050907; EP 1552096 A1 20050713; EP 1552096 B1 20130417; JP 2006506560 A 20060223; KR 101063284 B1 20110907; KR 20050021437 A 20050307; US 2005160843 A1 20050728; US 7578096 B2 20090825

DOCDB simple family (application)

**CH 0300383 W 20030613**; AU 2003233747 A 20030613; CA 2490710 A 20030613; CN 03815967 A 20030613; EP 03727116 A 20030613; JP 2004518340 A 20030613; KR 20057000205 A 20030613; US 51998205 A 20050211