

Title (en)

Carriage for a sliding door and having three rollers.

Title (de)

Laufwagen für eine Schiebetür und aufweisend drei Laufrollen.

Title (fr)

Chariot a galets notamment porteur de vantail coulissant

Publication

**EP 2339104 B1 20140122 (FR)**

Application

**EP 10015870 A 20101221**

Priority

FR 0906299 A 20091223

Abstract (en)

[origin: EP2339104A2] The carriage has three rollers (3) rotatably assembled on respective axes between two side faces of a cage (2) inserted in a hollow parallelepiped support (1). The support comprises two side ramps (110, 120) provided with two rectilinear slopes supported against parallelepiped shape bearings (20) with concave curves (23, 24) to define tangency points. The bearings carry corresponding side faces (21, 22) of the cage. The tangency points are situated respectively on two sides of a circumference of the median roller and between the axes of rotation of the rollers.

IPC 8 full level

**E05D 15/06** (2006.01)

CPC (source: EP)

**E05D 15/0665** (2013.01); **E05D 15/0669** (2013.01); **E05Y 2900/132** (2013.01)

Cited by

IT202100013808A1; CN105649451A; CN110344697A; CN111173392A; EP2708693A1; EP3020900B1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**EP 2339104 A2 20110629; EP 2339104 A3 20121003; EP 2339104 B1 20140122**; FR 2954388 A1 20110624; FR 2954388 B1 20141003

DOCDB simple family (application)

**EP 10015870 A 20101221**; FR 0906299 A 20091223