

Title (en)

MOTORIZED TROLLEY, TRANSLATORY MOVABLE ON A RAIL

Title (de)

TRANSLATORISCH AUF EINER SCHIENE BEWEGBARER, MOTORISierter LAUFWAGEN

Title (fr)

CHARIOT MOTORISE MOBILE EN TRANSLATION SUR UN RAIL

Publication

EP 3102526 A1 20161214 (FR)

Application

EP 15705341 A 20150126

Priority

- FR 1450843 A 20140204
- FR 2015050173 W 20150126

Abstract (en)

[origin: WO2015118244A1] Motorized carriage (1) that is able to move in translation along a longitudinal axis (X) along a horizontal rail, said carriage (1) comprising at least one wheel (4), in particular of the friction wheel type, that is driven in rotation by an electric motor (5) and is mounted so as to pivot about a transverse axis (Y) on a holder (3) which carries said motor (5), said carriage (1) comprising a chassis (2) incorporating guide means (23, 24) mounted so as to slide on the chassis (2) along a vertical axis (Z) orthogonal to the longitudinal axis (X) and transverse axis (Y) and cooperating with elastic stressing means (25, 26) that are designed to move the guide means (23, 24) in the direction of the rail, where the holder (3) is in sliding contact with said guide means (23, 24) along the longitudinal axis (X) and vertical axis (Z), this sliding contact being designed to convert a movement of the holder (3) along the longitudinal axis (X) into a concurrent movement of the holder (3) along the vertical axis (Z) in the direction of the rail. Said carriage (1) can be used in video surveillance systems.

IPC 8 full level

B66C 9/02 (2006.01); **B61B 3/02** (2006.01); **B61C 3/00** (2006.01); **B61C 13/04** (2006.01); **B66C 9/12** (2006.01)

CPC (source: EP US)

B61C 3/00 (2013.01 - US); **B61C 13/04** (2013.01 - US); **B66C 9/02** (2013.01 - EP US); **B66C 9/12** (2013.01 - EP US); **B61B 3/02** (2013.01 - US)

Citation (search report)

See references of WO 2015118244A1

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3017126 A1 20150807; **FR 3017126 B1 20160212**; CA 2938282 A1 20150813; CA 2938282 C 20220419; EP 3102526 A1 20161214; EP 3102526 B1 20180822; US 10179593 B2 20190115; US 2017050647 A1 20170223; WO 2015118244 A1 20150813

DOCDB simple family (application)

FR 1450843 A 20140204; CA 2938282 A 20150126; EP 15705341 A 20150126; FR 2015050173 W 20150126; US 201515116655 A 20150126