

Title (en)
THREE-DIMENSIONAL ADJUSTABLE HARDWARE SYSTEM

Title (de)
DREIDIMENSIONALES VERSTELLBARES BESCHLAGSYSTEM

Title (fr)
SYSTÈME DE FERRURE RÉGLABLE TRIDIMENSIONNEL

Publication
EP 2997211 A1 20160323 (DE)

Application
EP 14712620 A 20140313

Priority
• DE 102013008548 A 20130516
• EP 2014054937 W 20140313

Abstract (en)
[origin: WO2014183903A1] The invention relates to a three-dimensional adjustable hardware system. According to the invention, at least one of the hardware bodies (18) comprises at least one guide pin (28) for the purpose of adjusting the hardware system (10) in the z-direction and the housing, in which the at least hardware body is arranged, comprises at least one threaded pin (30, 32), wherein the guide pin (28) and thereby the hardware body (18) are moved relative to the housing in the z-direction when the threaded pin (30) is rotated. For the purpose of adjusting the hardware system in the x-direction at least one of the hardware bodies (16) accommodates at least one adjusting pin (34), which can be moved along the y-axis located in the xy-plane, and at least one surface (36, 38) of the adjusting pin (34) which is inclined with respect to the y-axis interacts with at least one sliding pin (40, 42), the movement of which along the x-axis located in the xy-plane being restricted by the housing (12) accommodating the at least one hardware body (16), and so the hardware body (16) can be moved relative to the housing (12) in the x-direction by adjusting the adjustment pin (34). For the purpose of adjusting the hardware system in the y-direction at least one housing (14) and the hardware body (18) arranged in said housing have at least one sliding guide (44) extending along the y-axis, along which the hardware body can be moved relative to the housing (14) in the y-direction.

IPC 8 full level
E05D 3/18 (2006.01); **E05D 3/06** (2006.01); **E05D 7/04** (2006.01)

CPC (source: EP RU US)
E05D 3/18 (2013.01 - US); **E05D 3/186** (2013.01 - EP US); **E05D 7/04** (2013.01 - EP US); **E05D 7/0423** (2013.01 - EP US);
E05D 3/06 (2013.01 - EP US); **E05D 3/18** (2013.01 - RU); **E05D 3/186** (2013.01 - RU); **E05D 7/04** (2013.01 - RU);
E05D 2007/0484 (2013.01 - EP RU US); **E05D 2007/0492** (2013.01 - EP US); **E05Y 2201/638** (2013.01 - EP US);
E05Y 2600/634 (2013.01 - EP US)

Citation (search report)
See references of WO 2014183903A1

Cited by
EP4198229A1

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)
DE 102013008548 B3 20140220; CN 104884722 A 20150902; CN 104884722 B 20170912; EP 2997211 A1 20160323;
EP 2997211 B1 20161228; ES 2613591 T3 20170524; HR P20170283 T1 20170421; HU E033599 T2 20171228; PL 2997211 T3 20170630;
RS 55818 B1 20170831; RU 2015147595 A 20170511; RU 2628969 C2 20170823; SI 2997211 T1 20170426; US 2016123056 A1 20160505;
US 9617769 B2 20170411; WO 2014183903 A1 20141120

DOCDB simple family (application)
DE 102013008548 A 20130516; CN 201480003798 A 20140313; EP 14712620 A 20140313; EP 2014054937 W 20140313;
ES 14712620 T 20140313; HR P20170283 T 20170220; HU E14712620 A 20140313; PL 14712620 T 20140313; RS P20170232 A 20140313;
RU 2015147595 A 20140313; SI 201430167 A 20140313; US 201414889650 A 20140313