

Title (en)
PULL-OUT GUIDE

Title (de)
AUSZUGFÜHRUNG

Title (fr)
GUIDE TÉLESCOPIQUE

Publication
EP 2624725 A1 20130814 (DE)

Application
EP 11767689 A 20111007

Priority
• DE 102010042180 A 20101008
• EP 2011067534 W 20111007

Abstract (en)
[origin: WO2012045854A1] In order to provide a pull-out guide comprising at least a first guide rail and a second guide rail which is guided in a displaceable manner by means of a roller body arrangement (110) on the first guide rail (106), wherein the roller body arrangement comprises at least one ball cage (132) having roller bodies (142), which pull-out guide has both a high load-bearing capacity and exhibits a low level of rolling noise and preferably a low level of rolling resistance, the invention proposes that the roller body arrangement comprises at least two different types of roller bodies, wherein one roller body (148) of a first type comprises a first material having a first hardness, and a roller body (148) of a second type comprises a second material having a second hardness, wherein the first hardness of the first material is lower than the second hardness of the second material, and wherein the roller body of the first type is larger than the roller body of the second type.

IPC 8 full level
A47B 88/04 (2006.01); **A47B 88/493** (2017.01)

CPC (source: EP US)
A47B 88/437 (2016.12 - EP US); **A47B 88/493** (2016.12 - EP US)

Citation (search report)
See references of WO 2012045854A1

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)
DE 102010042180 A1 20120412; CN 103153133 A 20130612; CN 103153133 B 20150617; DE 202011110509 U1 20140527; EP 2624725 A1 20130814; EP 2624725 B1 20150722; US 2013193824 A1 20130801; WO 2012045854 A1 20120412

DOCDB simple family (application)
DE 102010042180 A 20101008; CN 201180048695 A 20111007; DE 202011110509 U 20111007; EP 11767689 A 20111007; EP 2011067534 W 20111007; US 201313795518 A 20130312