

Title (en)  
PULL-OUT GUIDE

Title (de)  
AUSZUGSFÜHRUNG

Title (fr)  
GLISSIÈRE

Publication  
**EP 2802239 B1 20181114 (DE)**

Application  
**EP 13700166 A 20130110**

Priority  
• DE 102012100202 A 20120111  
• EP 2013050410 W 20130110

Abstract (en)  
[origin: WO2013104719A1] The invention relates to a pull-out guide (1) comprising a fixable guide rail (2), a slide rail (3) which is movably mounted on the guide rail (2), and a brake device which comprises a toothed rack (6) and a rotation damper (8) that is engaged with the toothed rack (6) and can be actuated by a movement of the slide rail (3) relative to the guide rail (2). The brake device is arranged between the slide rail (3) and the guide rail (2). As a result, a compact pull-out guide (1) which also allows a uniformly damped movement, is provided.

IPC 8 full level  
**A47B 88/473** (2017.01)

CPC (source: EP US)  
**A47B 88/473** (2016.12 - EP US); **A47B 2210/0094** (2013.01 - EP)

Citation (opposition)  
Opponent : Schock Metallwerk GmbH  
• US 2011187254 A1 20110804 - CHEN KEN-CHING [TW], et al  
• EP 1120065 A2 20010801 - BLUM GMBH JULIUS [AT]  
• WO 2004024480 A1 20040325 - CHO SUNG-HO [KR]  
• DE 20122622 U1 20060817 - BLUM GMBH JULIUS [AT]  
• DE 19945781 A1 20010405 - HUELSTA WERKE HUELS KG [DE]  
• DE 112008002079 T5 20100708 - DAIKYNISHIKAWA CORP [JP], et al  
• DE 2918572 A1 19800103 - BLUM GMBH JULIUS  
• DE 10256133 A1 20040617 - GRASS GMBH HOECHST [AT]  
• DE 102005016418 A1 20051117 - GRASS GMBH HOECHST [AT]  
• AT 6774 U1 20040426 - BLUM GMBH JULIUS [AT]  
• AT 6775 U1 20040426 - BLUM GMBH JULIUS [AT]  
• AT 504671 A1 20080715 - BLUM GMBH JULIUS [AT]  
• JP 2006300296 A 20061102 - MURAKOSHI MFG CORP  
• KR 20110080623 A 20110713 - NIFCO KOREA INC [KR]  
• US 7815267 B1 20101019 - FROUSIAKIS GUS [US]  
• EP 1552781 B1 20091021 - SCHOCK METALLWERK [DE]  
• EP 1912534 B1 20111116 - ACCURIDE INT LTD [GB]

Cited by  
WO2020169332A1; CN113453584A; US11800930B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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