

Title (en)
PULL-OUT GUIDE

Title (de)
AUSZUGSFÜHRUNG

Title (fr)
GUIDE DE TRACTION

Publication
EP 4195976 B1 20231129 (DE)

Application
EP 21755435 A 20210803

Priority
• DE 102020121282 A 20200813
• EP 2021071658 W 20210803

Abstract (en)
[origin: WO2022033925A1] A pull-out guide (1) comprises a guide rail (2), which can be secured on a basic furniture structure, a central rail (3) and a running rail (4), which can be coupled to a pull-out element and can be moved between a pulled-out position and a retracted position, wherein rolling bodies (12) retained in a first rolling-body cage (5) are provided between the guide rail (2) and the central rail (3), and rolling bodies (12) retained in a second rolling-body cage (6) are provided between the central rail (3) and the running rail (4), and the first rolling-body cage (5) is synchronized with the second rolling-body cage (6) via a flexible deflecting element (9), which is guided on the central rail (3), wherein a third rolling-body cage (7) containing rolling bodies (12) is provided between the running rail (4) and the central rail (3), wherein the third rolling-body cage (7) is arranged such that it can be moved relative to the second rolling-body cage (6) parallel to the pulling-out direction. This makes it possible to compensate for slippage on the rolling bodies.

IPC 8 full level
A47B 88/493 (2017.01)

CPC (source: EP)
A47B 88/493 (2017.01); **A47B 2210/004** (2013.01)

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)
WO 2022033925 A1 20220217; CN 116113347 A 20230512; DE 102020121282 A1 20220217; EP 4195976 A1 20230621;
EP 4195976 B1 20231129; ES 2973115 T3 20240618

DOCDB simple family (application)
EP 2021071658 W 20210803; CN 202180055853 A 20210803; DE 102020121282 A 20200813; EP 21755435 A 20210803;
ES 21755435 T 20210803