

Title (en)
GUIDE SYSTEM FOR MOBILE PARTITION ELEMENTS

Title (de)
FÜHRUNGSSYSTEM FÜR MOBILE TRENNWANDELEMENTE

Title (fr)
SYSTÈME DE GUIDAGE POUR ÉLÉMENTS DE CLOISON MOBILES

Publication
EP 2718525 A1 20140416 (DE)

Application
EP 12723611 A 20120521

Priority
• DE 102011077210 A 20110608
• EP 2012002148 W 20120521

Abstract (en)
[origin: WO2012167871A1] The invention relates to a system for suspending and guiding partition elements (61-64) of a mobile partition, which are each movably suspended by means of at least one cross slide (21) in ceiling-side support rails (1-1'") having guide slots (2), wherein each cross slide (21) comprises a roller body (11) having four guide rollers (14, 24-26) of identical height with vertical rotational axes (16) and having on the four lateral faces thereof four load rollers (13-13", 23) on two horizontal rotational axes (15) intersecting each other at right angles. In each case two opposite load rollers (13-13") of the roller body (11) roll on running surfaces of the support rail (1-1'"), whilst the two other load rollers (13-13") align with the guide slot (2) of the support rail (1-1). On at least one branching of support rails (1-1'") a guide body (4, 31-33) having a concave run-off surface for guide rollers (24- 26) is provided in a support rail (1-1'") on the ceiling side. The invention further relates to a guide body (4, 31-33), to a use thereof and to a mobile partition. The system according to the invention is characterised in that the heights of the guide rollers (24-26) of at least two different cross slides (21) differ from each other in such a manner that cross slides (21) having guide rollers of at least a first height (24-26) are deflected by the at least one guide body (4, 31-33) and cross slides (21) having guide rollers (24-26) of at least a second height are not deflected by the at least one guide body.

IPC 8 full level
E05D 15/06 (2006.01)

CPC (source: EP)
E05D 15/0613 (2013.01)

Citation (search report)
See references of WO 2012167871A1

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 102011077210 A1 20121213; EP 2718525 A1 20140416; EP 2718525 B1 20171206; PL 2718525 T3 20180530;
WO 2012167871 A1 20121213

DOCDB simple family (application)
DE 102011077210 A 20110608; EP 12723611 A 20120521; EP 2012002148 W 20120521; PL 12723611 T 20120521