

Title (en)
Guide rail

Title (de)
Führungsschiene und Flügelanlage mit einer derartigen Führungsschiene

Title (fr)
Rail de guidage

Publication
EP 2400100 B1 20160713 (DE)

Application
EP 11004018 A 20110516

Priority
DE 102010017588 A 20100625

Abstract (en)
[origin: EP2400100A1] The guide rail (100) has two side elements (130) extending along a preset traverse path and arranged at a distance to each other. An intermediate element (120) extending along the traverse path, is formed from a poor heat conductive material and arranged between the side elements. The side elements form a recess together with the intermediate element, where the recess is formed to guide a movable wing (2) i.e. sliding wing, along the traverse path and turned towards the wing. A roller (6) is guided on a running rail (110). An independent claim is also included for a wing system comprising a guide rail.

IPC 8 full level
E06B 3/46 (2006.01); **E06B 1/32** (2006.01); **E06B 1/70** (2006.01); **E06B 7/22** (2006.01)

CPC (source: EP)
E06B 1/325 (2013.01); **E06B 1/70** (2013.01); **E06B 3/4636** (2013.01); **E06B 2001/707** (2013.01)

Citation (opposition)
Opponent : GEZE GmbH
• WO 9964709 A1 19991216 - ZEMEK SIMON [CZ]
• EP 0112199 B1 19870114
• DE 7618882 U1 19761104
• CH 621176 A5 19810115 - MENZIKEN ALUMINIUM AG
• US 2008282628 A1 20081120 - LENOX RONALD M [US], et al
• CN 2447501 Y 20010912 - ZHAO BINGQUAN [CN]
• CN 2266637 Y 19971105 - SU JIANPING [CN]
• CN 2628696 Y 20040728 - LIU LIEZHUANG [CN]
• DE 2010663 A1 19710923
• US 3579724 A 19710525 - TOTH LOUIS
• WO 2008094099 A1 20080807 - WILLAB GARDEN AB [SE], et al
• EP 1903171 A2 20080326 - PHILIPPI GERD [DE]
• "Wärmeleitfähigkeit", WIKIPEDIA, XP055372320, Retrieved from the Internet <URL:https://de.wikipedia.org/w/index.php?title=Wärmeleitfähigkeit&oldid=163142856>

Cited by
GB2512932A; US11492832B2

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)
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