

Title (en)
MOVABLE WALL SYSTEM

Title (de)
BEWEGLICHES WARNSYSTEM

Title (fr)
SYSTÈME DE PAROI MOBILE

Publication
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Application
EP 09749978 A 20090508

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Abstract (en)
[origin: WO2009141494A1] The invention relates to a movable wall system comprising a hinge device (6) for locking a wheel or pair of wheels (5; 51, 52) in place immovably relative to an upper guide (2) for turning a wall element (1), so that the wall element (1) can be turned about the vertical central axis (L) of a shaft (4), the hinge device comprises a hinging part (7) mounted to the upper guide (2) and comprising a cavity (8) with a concave round first surface (9), and a counterpart (10) mounted to the shaft (4) on the same plane with the hinging part (7) and comprising a convex round second surface (11) so that when the counterpart is aligned with the hinging part when the wall element is being turned, the second surface (11) of the counterpart is able to turn inside the first surface (9) of the cavity to lock the wall element in place. The first surface (9) and the second surface (11) consist of parts of a spherical surface having their center of curvature on the central axis (L).

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Citation (search report)
• [A] EP 1085156 A1 20010321 - SOLARLUX ALUMINIUM SYS GMBH [DE]
• [A] WO 2004022897 A1 20040318 - GLOBAL FINANCIAL ADVISORS LTD, et al
• [AD] DE 10333612 A1 20050224 - SKS STAKUSIT BAUTECHNIK GMBH [DE]
• [A] WO 0039426 A1 20000706 - LMV ALNOVA BALKONGSYSTEM I SVE [SE], et al
• See references of WO 2009141494A1

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