

Title (en)
Vertically movable partitions

Title (de)
Vertikal bewegliche Trennwand

Title (fr)
Parois à déplacement vertical

Publication
EP 1475508 A3 20070627 (EN)

Application
EP 04252489 A 20040429

Priority
• US 43052803 A 20030506
• US 80688304 A 20040323

Abstract (en)
[origin: EP1475508A2] A partition, upwardly movable into storage position and downwardly movable into vertical, down position, to condon off areas or for sectioning usable space in a building. The partition comprises a plurality of similar trains (4) of elongated members (10). The members (10) of each train (4) are arranged to form a single pantograph forming longitudinally aligned rows of diamonds. The trains (4) are spaced laterally to form a partition plane and oriented so that the diamonds of the pantographs operate in a plane at a 90 DEG angle to that partition plane. Bars (22) or panels are secured to corresponding members (10) in adjacent trains (4). Cables (28) are provided to raise and lower the trains (4) at a similar rate. When panels are used, they form a vertical wall when the pantographs are in elongated, down position. <IMAGE>

IPC 8 full level
E06B 9/06 (2006.01); **E06B 3/92** (2006.01); **E06B 3/94** (2006.01)

CPC (source: EP)
E06B 3/928 (2013.01); **E06B 9/063** (2013.01); **E06B 9/0638** (2013.01); **E06B 9/0676** (2013.01); **E06B 9/0692** (2013.01)

Citation (search report)
• [XY] US 284741 A 18830911
• [DY] US 5062464 A 19911105 - PETERSON MILES [CA]
• [X] US 2237141 A 19410401 - GALE ETTA F
• [A] JP S5482823 A 19790702 - MATSUSHITA ELECTRIC WORKS LTD
• [A] WO 9961742 A1 19991202 - CROSSOUT PTY LTD [AU], et al
• [A] GB 871910 A 19610705 - K M STEEL PRODUCTS PROPRIETARY

Cited by
CN108222327A; CN115190933A; EP2112317A3; US9045935B2; US8327905B2; WO2009133213A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL HR LT LV MK

DOCDB simple family (publication)
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DOCDB simple family (application)
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