

Title (en)
Vertically movable partitions

Title (de)
Vertikal bewegliche Trennwand

Title (fr)
Parois à déplacement vertical

Publication
EP 1475508 B1 20130918 (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 condone 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 3/92 (2006.01); **E06B 3/94** (2006.01); **E06B 9/06** (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)

Cited by
CN108222327A; EP2112317A3; US9045935B2; WO2009133213A1; US8327905B2

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)
EP 1475508 A2 20041110; EP 1475508 A3 20070627; EP 1475508 B1 20130918; AU 2004201914 A1 20041125; AU 2004201914 B2 20060316; CA 2465433 A1 20041106; CA 2465433 C 20090317; JP 2004332535 A 20041125; JP 4336614 B2 20090930

DOCDB simple family (application)
EP 04252489 A 20040429; AU 2004201914 A 20040505; CA 2465433 A 20040427; JP 2004137566 A 20040506