

Title (en)
Angular foldable partition wall

Title (de)
Faltbare Trennwand

Title (fr)
Paroi repliable

Publication
EP 1826348 A1 20070829 (EN)

Application
EP 06425121 A 20060227

Priority
EP 06425121 A 20060227

Abstract (en)
Partition wall comprising one or more series of panels (1, 2) hinged two by two by means of pairs of first upper and lower hinges, which first hinges are alternated with pairs of second upper and lower hinges, wherein the first upper hinges are pivoted under carriages (3) which can run in two upper rails (4, 5) forming an angle (a) and the first lower hinges are provided with cursors (6) which can run in two lower guides (7, 8) forming substantially the same angle (a), the second upper and lower hinges being not restrained to the upper rails (4, 5) or to the lower guides (7, 8), so that the panels (1, 2) can be folded in a bellows-like manner, wherein the upper rails (4, 5) are connected to each other by an upper connection (9) suitable for deviating the carriages (3) from an upper rail to the other, and in that the lower guides (7, 8) are connected to each other by a lower connection (10) suitable for deviating the cursors (6) from a lower guide to the other, so that the panels (1, 2) can be folded together in an upper rail (4).

IPC 8 full level
E05D 15/26 (2006.01); **E06B 3/46** (2006.01)

CPC (source: EP)
E05D 15/26 (2013.01); **E06B 3/481** (2013.01); **E05Y 2900/132** (2013.01)

Citation (applicant)
• IT 1312771 B
• US 6220330 B1 20010424 - O'BRIEN JR TERRENCE E [US]
• DE 20300786 U1 20030320 - BECKHOFF ALULUX GMBH & CO [DE]

Citation (search report)
• [XAY] US 6220332 B1 20010424 - LAI SHENG-YANG [TW]
• [Y] US 2001011583 A1 20010809 - SPORK NIGEL FRANK [AU]
• [X] DE 20300786 U1 20030320 - BECKHOFF ALULUX GMBH & CO [DE]
• [A] EP 1516994 A1 20050323 - PEERDEMAN FREDERIKUS JOHANNES [NL]

Cited by
CN104790821A; CN103703204A; CN104653043A; CN104675284A; CN104675285A; EP3342973A1; WO2013023737A3

Designated contracting state (EPC)
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