

Title (en)

REMOVABLE AND EARTH QUAKE-PROOF PARTITION WALL

Publication

**EP 0241346 B1 19900822 (FR)**

Application

**EP 87400667 A 19870325**

Priority

FR 8604583 A 19860401

Abstract (en)

[origin: US4735028A] In order to seal an opening formed in a vertical wall, a removable partition is formed, which is constituted by at least two dry-stacked brick layers. Each layer is formed from several rows of bricks, each constituted by bricks which, in cross-section, are shaped like a parallelogram, arranged in opposite directions on either side of a central locking brick which, in cross-section, is shaped like an isosceles trapezium. Each row of bricks behaves like a fictitious funicular arc when exposed to a horizontal force normal to the partition. Thus, the earthquake resistance is ensured without adding a reinforcing framework to the two faces of the partition.

IPC 1-7

**E04B 1/98**; **E04H 9/02**; **G21F 3/04**

IPC 8 full level

**E04B 1/98** (2006.01); **E04B 2/02** (2006.01); **E04H 9/02** (2006.01); **G21F 3/00** (2006.01); **G21F 3/04** (2006.01); **G21F 7/00** (2006.01)

CPC (source: EP US)

**E04B 1/98** (2013.01 - EP US); **E04H 9/02** (2013.01 - EP US); **G21F 3/04** (2013.01 - EP US)

Cited by

ES2382847A1

Designated contracting state (EPC)

BE DE ES GB IT LU NL

DOCDB simple family (publication)

**EP 0241346 A1 19871014**; **EP 0241346 B1 19900822**; DE 3764388 D1 19900927; ES 2018277 B3 19910401; FR 2596444 A1 19871002; FR 2596444 B1 19900713; JP H0792517 B2 19951009; JP S62238495 A 19871019; US 4735028 A 19880405

DOCDB simple family (application)

**EP 87400667 A 19870325**; DE 3764388 T 19870325; ES 87400667 T 19870325; FR 8604583 A 19860401; JP 8085287 A 19870401; US 2972387 A 19870324