

Title (en)

Stairs and method of making same

Title (de)

Treppe und Verfahren zur Herstellung einer Treppe

Title (fr)

Escaliers et leur procede de fabrication

Publication

**EP 2439354 A3 20130703 (DE)**

Application

**EP 11184221 A 20111006**

Priority

- DE 202010014028 U 20101008
- DE 102010051707 A 20101119

Abstract (en)

[origin: EP2439354A2] The staircase has an in-use position perpendicular middle panel (I) which receives all the stages of the stairs over the entire height. The stages of stairs are clamped at the peripheral side of the middle panel while receiving the load of the stages of stairs. The middle panel is a solid block, whose thickness is about 104 mm, to accommodate the stairs within all of the recesses (21-29,210-216). The stages of stairs on or outside of middle panel are fixed or bolted together. An independent claim is included for manufacturing method of central string of staircase.

IPC 8 full level

**E04F 11/022** (2006.01)

CPC (source: EP)

**E04F 11/022** (2013.01); **E04F 11/028** (2013.01)

Citation (search report)

- [X1] US 2010107523 A1 20100506 - SHEPHERD JOHN D [US]
- [X1] US 4722374 A 19880202 - BOND HENRY J [US]

Cited by

CN106351425A

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 2439354 A2 20120411**; **EP 2439354 A3 20130703**; DE 102010051707 A1 20120412

DOCDB simple family (application)

**EP 11184221 A 20111006**; DE 102010051707 A 20101119