

Title (en)

Foldable stairs embedded in a frame

Title (de)

In einen Rahmen eingebettete zusammenklappbare Treppe

Title (fr)

Escalier escamotable encastré dans un cadre

Publication

EP 2526239 B1 20190911 (EN)

Application

EP 11706958 A 20110112

Priority

- PL 39022010 A 20100118
- PL 2011000005 W 20110112

Abstract (en)

[origin: WO2011087386A1] The invention relates to foldable stairs comprising stairs segments movable with relation to each other, where the uppermost stairs segment (3) is attached to the cover (2) connected by means of a hinge mechanism with the frame (1) mounted in a ceiling. The stairs are provided with a movable step (4) pivotally connected to the internal surface of the wall of the frame (1) and supported by at least one supporting element connected with the cover (2). In one embodiment the movable step (4) is supported by hinged connectors (5) that in the opened state of the stairs are preferably substantially aligned with the stringers of the uppermost stairs segment (3). In the closed state of the stairs positioned in the frame, the tread (41) of the movable step (4) is preferably positioned substantially vertically inside the frame (1) in a close proximity of the frame wall.

IPC 8 full level

E04F 11/06 (2006.01)

CPC (source: EP)

E04F 11/064 (2013.01)

Cited by

CN113027054A

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

DOCDB simple family (publication)

WO 2011087386 A1 20110721; WO 2011087386 A8 20110929; CN 102753770 A 20121024; EP 2526239 A1 20121128; EP 2526239 B1 20190911; PL 218283 B1 20141031; PL 390220 A1 20110801

DOCDB simple family (application)

PL 2011000005 W 20110112; CN 201180006189 A 20110112; EP 11706958 A 20110112; PL 39022010 A 20100118