

Title (en)
Collapsible spiral staircase

Title (de)
Faltbare Wendeltreppe

Title (fr)
Escalier hélicoïdal escamotable

Publication
EP 2378025 B1 20161102 (FR)

Application
EP 11162459 A 20110414

Priority
• FR 1052874 A 20100415
• FR 1053576 A 20100507

Abstract (en)
[origin: EP2378025A1] The staircase (10) has a movable central mast (2) supporting movable stairs (100-119) that are extended in respective horizontal planes, where the stairs are movable in rotation with respect to the central mast in the corresponding planes. The central mast occupies a function position i.e. deployed position, in which the stairs are arranged around the central mast, and a retracted position in which the stairs are aligned vertically. Each stair has a ring that is threaded on the central mast.

IPC 8 full level
E04F 11/032 (2006.01); **E04F 11/04** (2006.01); **E04F 11/06** (2006.01)

CPC (source: EP)
E04F 11/032 (2013.01); **E04F 11/06** (2013.01)

Cited by
CN104088413A; CN104533034A; CN106271409A; US11466461B1; NL2017412B1; IT202100000842A1; US2016201334A1; US9683372B2; DE202013003089U1

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)
EP 2378025 A1 20111019; EP 2378025 B1 20161102; FR 2958955 A1 20111021; FR 2958955 B1 20170428

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EP 11162459 A 20110414; FR 1053576 A 20100507