

Title (en)

AUXILIARY STAIRS FOR PEOPLE WITH REDUCED MOBILITY

Title (de)

ZUSÄTZLICHE TREPPE FÜR MENSCHEN MIT EINGESCHRÄNKTER MOBILITÄT

Title (fr)

ESCALIER AUXILIAIRE POUR PERSONNES À MOBILITÉ RÉDUITE

Publication

**EP 3026193 A1 20160601 (EN)**

Application

**EP 15382452 A 20150917**

Previously filed application

201431422 20140926 ES

Priority

ES 201431422 A 20140926

Abstract (en)

Auxiliary stairs for people with reduced mobility. The object of this invention is aimed to make easier for people with reduced mobility to go upstairs or downstairs. In order to reduce the height of the steps of a stairs already manufactured, it is put in between one of its laterals an integral assembly working like auxiliary steps, which can be adjusted in height and length, narrower than the original steps on which the assembly is placed, following the pattern described by the figure above. The user of the stairs mentioned previously manufactured can use this invention in an auxiliary way, putting one or two feet on the assembly before moving to the next step. Thus, it is reduced the effort necessary to climb the step of the stairs on which it is assembled, as well as the height to which the feet must be raised, especially useful for aged people and for people with joint problems. The stairs of the invention is aimed to make traffic easier for people with reduced mobility. With the aim of reducing the height of the original steps, some auxiliary steps are placed among them. These auxiliary steps are adjustable in height and length, with a smaller wide than the original step, following this pattern

IPC 8 full level

**E04F 11/02** (2006.01); **A61H 3/00** (2006.01)

CPC (source: EP ES)

**E04F 11/0201** (2013.01 - EP); **E04F 11/1041** (2013.01 - ES)

Citation (search report)

- [A] US 5924249 A 19990720 - KROLL WILLIAM P [US], et al
- [A] US 2008257650 A1 20081023 - SCHMIDT HELENE E [US]
- [A] US 2206862 A 19400709 - BOYD JAMES R
- [A] US 2013212960 A1 20130822 - FREUND KURT [US]
- [AP] JP 2014240563 A 20141225 - YUNITE KK, et al

Cited by

JP6310129B1; US11946258B1; CN110947160A

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 3026193 A1 20160601**; ES 2565075 A1 20160331; ES 2565075 B1 20170104

DOCDB simple family (application)

**EP 15382452 A 20150917**; ES 201431422 A 20140926