

Title (en)

STAIR-CLIMBER

Title (de)

TREPPENSTEIGER

Title (fr)

MONTE ESCALIER

Publication

**EP 3072558 A1 20160928 (EN)**

Application

**EP 16159830 A 20160311**

Priority

- TW 104108022 A 20150313
- TW 104137147 A 20151111

Abstract (en)

A stair-climber (10) includes a base (20), a inclination unit assembly (25), and a step unit (70). The inclination unit assembly (25) is pivotally disposed at the base (20). The inclination angle of the inclination unit assembly (25) is adjusted by an inclination unit regulator (50) disposed between the base (20) and the inclination unit assembly (25). The step unit (70) is disposed at the inclination unit assembly (25) and has multiple steps (75). The steps (75) undergo angle adjustment with a step regulator (80) disposed at the inclination unit assembly (25) and thus tilt at angles suitable for a tread performed by users ergonomically.

IPC 8 full level

**A63B 22/04** (2006.01); **A63B 21/005** (2006.01)

CPC (source: EP)

**A63B 21/0058** (2013.01); **A63B 22/04** (2013.01)

Citation (search report)

- [X] US 5769759 A 19980623 - ALTER JOSEPH W [US], et al
- [X] US 5328420 A 19940712 - ALLEN TEMPLE W [US]
- [X] JP S6470085 A 19890315 - SAKAI IRYO KK
- [X] JP H02261477 A 19901024 - OG GIKEN CO LTD
- [A] CN 102728025 B 20141126 - JOHNSON HEALTH TECH CO LTD

Cited by

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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)

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