

Title (en)

PORTABLE AND FOLDABLE SUPPORT STRUCTURE USEFUL AS LADDER OR STEPLADDER

Title (de)

TRAGBARES, FALTBARES, ALS LEITER SOWIE ALS TRITTHOCKER VERWENDBARES GESTELL

Title (fr)

STRUCTURE SUPPORT PORTABLE ET REPLIABLE UTILISABLE EN TANT QU'ECHELLE OU ESCABEAU

Publication

EP 1109987 A1 20010627 (FR)

Application

EP 99936691 A 19990730

Priority

- FR 9901935 W 19990730
- FR 9811176 A 19980904

Abstract (en)

[origin: FR2783012A1] The invention concerns a support structure characterised in that it comprises at least: a shaft (1) whereof the two ends are designed to be urged to rest on two fixed elements, one of which may be the ground and the other, a fixed object located above the ground; two series of steps (M1, M'1-2, M'2-M3, M'3) fixed on the shaft, on either side thereof respectively; and a ramp (7), integral with the shaft (1) extending vertically with respect thereto, at a distance from the steps (M1, M'1-M2, M'2-M3, M'3) less than the average length of a leg, such that a user can move on the steps (M1, M'1-M2, M'2-M3, M'3) by striding over the ramp (7). Said structure enables the user to stand on the steps with greater stability while keeping his hands free.

IPC 1-7

E06C 1/38

IPC 8 full level

E06C 1/38 (2006.01)

CPC (source: EP US)

E06C 1/382 (2013.01 - EP US); **E06C 7/081** (2013.01 - EP US)

Citation (search report)

See references of WO 0014373A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

FR 2783012 A1 20000310; **FR 2783012 B1 20001027**; AU 5169899 A 20000327; DE 69919551 D1 20040923; EP 1109987 A1 20010627; EP 1109987 B1 20040818; US 6386320 B1 20020514; WO 0014373 A1 20000316

DOCDB simple family (application)

FR 9811176 A 19980904; AU 5169899 A 19990730; DE 69919551 T 19990730; EP 99936691 A 19990730; FR 9901935 W 19990730; US 78629501 A 20010226