

Title (en)

Assembly of a ladder and two rollers

Title (de)

Anordnung aus einer Leiter und zwei Rollen

Title (fr)

Assemblage comprenant une échelle et deux roulettes

Publication

EP 2194225 B1 20140115 (DE)

Application

EP 09175553 A 20091110

Priority

DE 202008015903 U 20081202

Abstract (en)

[origin: EP2194225A2] The roller (10) has a wheel holder (12) at which a wheel (11) is fastened in a rotatable manner. A fastening unit (13) including a screw (131) e.g. toggle screw, is provided for detachable fastening to a cross-beam of a ladder. The fastening unit has a spreading element (130) inserted into a recess of the ladder. An axis of rotation of the wheel and an insertion direction of the spreading element lie parallel to each other. The spreading element is designed in a cuboid shape in a non-spreading condition. An independent claim is also included for an arrangement of a ladder and two rollers.

IPC 8 full level

E06C 1/397 (2006.01); **E06C 7/42** (2006.01)

CPC (source: EP)

E06C 1/397 (2013.01); **E06C 7/42** (2013.01)

Citation (examination)

- GB 783518 A 19570925 - CYRIL HARCOURT MATTHEWS
- DE 731929 C 19430218 - KURT WEBER

Cited by

ITVR20120149A1

Designated contracting state (EPC)

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 SE SI SK SM TR

DOCDB simple family (publication)

DE 202008015903 U1 20090219; EP 2194225 A2 20100609; EP 2194225 A3 20120418; EP 2194225 B1 20140115

DOCDB simple family (application)

DE 202008015903 U 20081202; EP 09175553 A 20091110