

Title (en)

LADDER WITH SUPPORT, FASTENING DEVICE, SUPPORT AND KIT FOR BUILDING LIGHT LADDERS

Title (de)

LEITER MIT ANSTELLSTÜTZE, BEFESTIGUNGSVORRICHTUNG, ANSTELLSTÜTZE UND BAUKASTEN FÜR LEITER IN LEICHTBAUWEISE

Title (fr)

ECHELLE AVEC APPUI, DISPOSITIF DE FIXATION, APPUI ET SYSTEME MODULAIRE DE CONSTRUCTION D'ECHELLES LEGERES

Publication

EP 0656093 B1 19980902 (DE)

Application

EP 94916865 A 19940615

Priority

- CH 9400118 W 19940615
- CH 9300154 W 19930615
- CH 245593 A 19930818
- CH 306393 A 19931012
- CH 79894 A 19940317
- CH 152694 A 19940517
- DE 4342241 A 19931210

Abstract (en)

[origin: WO9429561A2] It is proposed to equip ladders with a supporting head during their manufacture or to retrofit existing ladders with supports (100). The support (100) is designed as a multifunctional head. The support (100) with specially designed supporting claws (20) not only allows ladders to be set against straight walls, inner and outer edges, without the need for exchanging apparatus, but also reduces the risk of accidents during almost all operations carried out on a ladder, without damaging the wall. The new invention may be very advantageously used in and at buildings, vehicles, aircraft, watercraft, etc. Bridging rails (205, 205') allow the support (100) to be mounted in a few seconds on almost all existing light ladders. A new adapting or bridging piece (51) is provided with a fixing slot (50) for fastening the support (100) to ladders of any width. Also disclosed is a kit for retrofitting existing ladders, in which even the bridging piece has already many advantages as it provides a surface for supporting the ladder on flat walls.

IPC 1-7

E06C 7/48

IPC 8 full level

E06C 7/48 (2006.01)

CPC (source: EP)

E06C 7/48 (2013.01); **E06C 7/482** (2013.01)

Designated contracting state (EPC)

AT CH DE ES FR GB IT LI

DOCDB simple family (publication)

WO 9429561 A2 19941222; WO 9429561 A3 19950202; EP 0656093 A1 19950607; EP 0656093 B1 19980902

DOCDB simple family (application)

CH 9400118 W 19940615; EP 94916865 A 19940615