

Title (en)  
Portable ladder stabilizing accessories

Title (de)  
Tragbares Leiterstabilisierungszubehör

Title (fr)  
Accessoire de stabilisation d'échelle portable

Publication  
**EP 1657399 A3 20090121 (EN)**

Application  
**EP 05380233 A 20051020**

Priority  
ES 200402727 A 20041112

Abstract (en)  
[origin: EP1657399A2] Stabilizing accessories (1) which, in principle, adapting the measurements and shapes of some elements which comprise them, are applicable to portable ladders (2), whether a single ladder or a stepladder, with one or more climbing sections, and which increase the lateral stability thereof and permit them to be positioned according to different forms adapting to the requirements of each situation. The stabilizing accessories (1) comprise a connector (5) which is fixed to the outer face of the side beam (3) of the portable ladder (2) and an elbow (13) joined at one end to the connector (5) and at the opposite end to a support element (14), which acts as a support on the ground.

IPC 8 full level  
**E06C 7/42** (2006.01); **E06C 7/44** (2006.01)

CPC (source: EP ES)  
**E06C 7/423** (2013.01 - EP ES); **E06C 7/44** (2013.01 - EP)

Citation (search report)  
• [XY] US 2003034207 A1 20030220 - PALMER R PARK [US], et al  
• [Y] US 2002070078 A1 20020613 - BARNETT RALPH LIPSEY [US]

Cited by  
US2020232279A1; US2018340371A1; WO2012168684A1; WO2011104700A3; WO2013130012A3; TWI700426B

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)  
AL BA HR MK YU

DOCDB simple family (publication)  
**EP 1657399 A2 20060517**; **EP 1657399 A3 20090121**; ES 2297961 A1 20080501; ES 2297961 B1 20090720; ES 2298018 A1 20080501; ES 2298018 B1 20090721

DOCDB simple family (application)  
**EP 05380233 A 20051020**; ES 200402727 A 20041112; ES 200600288 A 20060208