

Title (en)
Protection device for ladders

Title (de)
Schutzvorrichtung für Leitern

Title (fr)
Dispositif de protection pour échelles

Publication
EP 2194224 A1 20100609 (EN)

Application
EP 09177580 A 20091201

Priority
ES 200803423 A 20081202

Abstract (en)
The security device for ladders of the invention is characterized in that it comprises a body (1) engageable with a step (2) of the ladder (3), said engageable body (1) being provided with a holding element (4), which permits to hold a security rope (5) to a post (6), and a fixing element (7) in which the upper end of said security rope (5) is fixed. It permits the operator that uses the ladder to be completely protected from the moment he/she begins to climb the ladder.

IPC 8 full level
E06C 1/34 (2006.01); **E06C 7/48** (2006.01)

CPC (source: EP ES)
E06C 1/34 (2013.01 - EP ES); **E06C 7/48** (2013.01 - EP ES)

Citation (search report)

- [XYI] US 5484036 A 19960116 - COTHERN TERRY D [US]
- [XI] DE 4214671 A1 19931104 - DISTEL ULRICH DIPL FORSTING FH [DE]
- [XI] US 5890560 A 19990406 - SLOOP BRIAN MICHAEL [US]
- [XAI] US 7341126 B1 20080311 - DIGGLE III FREDERICK JAMES [US], et al
- [YA] FR 2791731 A1 20001006 - DUTHU BERNARD JEAN MICHEL [FR]
- [A] WO 2004005659 A1 20040115 - GRIMA JOHN [AU]

Cited by
US2016047167A1; EP4372200A1; EP3656967A1; FR3088953A1

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

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2194224 A1 20100609; ES 2345237 A1 20100917; ES 2345237 B1 20110707

DOCDB simple family (application)
EP 09177580 A 20091201; ES 200803423 A 20081202