

Title (en)
Fall prevention ladder and related method of production

Title (de)
Fallschutzleiter und Herstellungsmethode einer solchen Leiter

Title (fr)
Echelle de protection contre les chutes et procédé de production

Publication
EP 2538017 A1 20121226 (EN)

Application
EP 12171167 A 20120607

Priority
IT BS20110091 A 20110622

Abstract (en)
A fall-prevention ladder (100) comprising: a single central stile (40) or a pair of lateral stiles, parallel to one another, destined to be fixed rigidly to a building structure; a plurality of rungs (1) rigidly fixed to the central stile or lateral stiles, each rung having a substantially plate-shaped conformation and a longitudinal axis (2), the rung comprising a central wall (3), at least a first lateral wall (4) and a first bend (10) substantially parallel to the longitudinal axis interposed between, conjoining and demarcating, the central wall and the first lateral wall, where the rung is fixed to the stile or stiles by means of a respective weld (38) developing on at least a face of the two faces of the rung along at least a portion of the edge of the rung adjacent to the respective stile, and where each rung exhibits a pair of drain holes (37) passing through the central wall, the minimum distance of the edge of each drain hole from the stile that is closest being less than or equal to 3 cm.

IPC 8 full level
E06C 1/38 (2006.01); **E06C 7/08** (2006.01); **E06C 9/02** (2006.01)

CPC (source: EP)
E06C 1/381 (2013.01); **E06C 7/08** (2013.01); **E06C 7/081** (2013.01); **E06C 9/02** (2013.01)

Citation (search report)
• [A] EP 1036892 A2 20000920 - WIESBROCK BARBARA [DE]
• [A] DE 7527838 U
• [A] US 4388983 A 19830621 - BARTELS LEROY R, et al
• [A] EP 0180744 A2 19860514 - FAHRLEITUNGSBAU GMBH [DE]
• [A] US 5857542 A 19990112 - MASON ROBERT J [US]
• [A] JP S5233551 U 19770309
• [A] DE 8706588 U1 19870813

Cited by
CN105442029A; CN104234618A

Designated contracting state (EPC)
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2538017 A1 20121226; EP 2538017 B1 20140514; IT BS20110091 A1 20121223

DOCDB simple family (application)
EP 12171167 A 20120607; IT BS20110091 A 20110622