

Title (en)
Ladder

Title (de)
Leiter

Title (fr)
Echelle

Publication
EP 1028225 B1 20030402 (DE)

Application
EP 00102009 A 20000202

Priority
DE 19906142 A 19990213

Abstract (en)
[origin: EP1028225A2] The ladder is formed by hollow profiles for the sides (1) and the rungs (2), both fitted with openings (5,6). A plug (12) is inserted through the opening (6) in the outer wall (4) of the ladder side profile (1) into the rung. The plug (12) has at least one ratchet projection (10) to lock into a recess (9) at the rung, to key the rung to the side profile of the ladder. The plug has a beating head (13) at the outside, to force the plug home and lock the rung and side profile together. The ladder sections (1,2) are of a plastics material reinforced with glass fibers. The plug (12) is an injection molded thermoplastic component.

IPC 1-7
E06C 7/08

IPC 8 full level
E06C 7/08 (2006.01)

CPC (source: EP)
E06C 7/086 (2013.01)

Cited by
FR2893078A1; FR3002584A1; WO2014131959A1; WO2023126072A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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