

Title (en)
Hinged ladder.

Title (de)
Gelenkleiter.

Title (fr)
Escabeau articulé.

Publication
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Application
EP 91440040 A 19910517

Priority
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Abstract (en)
The invention concerns an articulated stepladder composed of a ladder (1), a prop (3) articulated to the ladder (1) and a foldable platform (10) connected to the ladder (1) and to the prop (3) by articulations (12, 41, 42). All of the articulations (12, 41, 42) are arranged in such a way as to allow their dismantling and the replacement of worn parts. The articulation (5) of each upright (4) of the prop (3) on the corresponding upright (2) of the ladder comprises a moulded part (14) having a spindle (16) which pivots in a bearing (26) with a non-circular external profile, engaged in a hole in the upright. The platform (10) is connected to a cross-piece (9) of the prop (3) by means of a connecting rod (40) encircling a removable bearing (45) adjusted on the cross-piece. <IMAGE>

IPC 1-7
E06C 1/32; **E06C 1/393**

IPC 8 full level
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CPC (source: EP)
E06C 1/20 (2013.01); **E06C 1/393** (2013.01); **E06C 7/182** (2013.01)

Citation (search report)
• [A] EP 0324885 A1 19890726 - YUEN HAISON
• [A] FR 2632028 A1 19891201 - SHUR LOK INTERNATIONAL SA [BE]
• [A] FR 2467964 A1 19810430 - HYMER LEICHTMETALLBAU [DE]
• [A] DE 3442129 C1 19860612
• [A] FR 1383452 A 19641224 - LOH KG HAILO WERK
• [A] EP 0000499 A1 19790207 - ZARGES LEICHTBAU GMBH [DE]

Cited by
FR2780440A1; FR2715187A1; EP0609523A1; GB2378728A; GB2378728B; GB2322897A; GB2322897B

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