

Title (en)

Ladder, in particular step ladder or folding step ladder, with a platform, an ascending part, a support part and a frame

Title (de)

Leiter, insbesondere Stufenstehtleiter oder Klaptritt, mit einer Plattform, einem Steigteil, einem Stützteil und einem Bügel

Title (fr)

Echelle, notamment escabeau à marches ou marchepied rabattable, dotée d'une plateforme, d'une partie d'ascension, d'un élément d'appui et d'un cintre

Publication

**EP 2360345 A3 20150902 (DE)**

Application

**EP 11153583 A 20110207**

Previously filed application

202010002337 U 20100212 DE

Priority

DE 202010002337 U 20100212

Abstract (en)

[origin: CN102162331A] The invention relates to a ladder (1), in particular to a step vertical ladder or a folding step stool, which comprises a platform (30), a riser part (10), a support part (20) and a bracket (40). The riser part comprises two vertical sticks (11) and the two vertical sticks are connected with cross bars by a step (12). The support part comprises two mutually connected vertical sticks (21). The riser part (10) and the support part (20) can be swung to be connected with each other. The platform (30) can also be swung to be arranged on the riser part (10). The bracket (40) can be swung to be arranged on the support part (20) so as to surround one tube (23) or one pin of the support part (20). The bracket (40) is hinged to the platform (30). The bracket (40) surrounds the tube (23) or the pin in a gapless mode.

IPC 8 full level

**E06C 1/393** (2006.01)

CPC (source: EP)

**E06C 1/393** (2013.01)

Citation (search report)

- [XY] DE 8203532 U1 19820715
- [XA] FR 2763358 A1 19981120 - TUBESCA [FR]
- [X] FR 2832608 A1 20030530 - TUBESCA [FR]
- [Y] WO 9821492 A1 19980522 - DONALDSON CO INC [US]

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)

**DE 202010002337 U1 20100506**; CN 102162331 A 20110824; CN 102162331 B 20151118; EP 2360345 A2 20110824; EP 2360345 A3 20150902; EP 2360345 B1 20180110

DOCDB simple family (application)

**DE 202010002337 U 20100212**; CN 201110036774 A 20110211; EP 11153583 A 20110207