

Title (en)

TELESCOPING LADDER WITH A RETAINING MECHANISM

Title (de)

ZUSAMMENSCHIEBBARE LEITER MIT RÜCKHALTEMECHANISMUS

Title (fr)

ÉCHELLE TELESCOPIQUE AYANT UN MECANISME DE RETENUE

Publication

EP 3147447 A1 20170329 (EN)

Application

EP 16190568 A 20160926

Priority

US 201562232686 P 20150925

Abstract (en)

Embodiments include a telescoping ladder with a plurality of retaining mechanism. The telescoping ladder has a plurality of columns in a nested telescopic arrangement. The retaining mechanism positioned on an outer surface of a column prevents extending columns other than an immediately inner column from their nested arrangement until the immediately inner column is fully extended from its nested arrangement with an outer column.

IPC 8 full level

E06C 1/12 (2006.01)

CPC (source: CN EP)

E06C 1/125 (2013.01 - CN EP); **E06C 7/00** (2013.01 - CN); **E06C 7/06** (2013.01 - CN); **E06C 7/08** (2013.01 - CN); **E06C 7/082** (2013.01 - CN); **E06C 7/083** (2013.01 - EP); **E06C 7/087** (2013.01 - EP)

Citation (applicant)

- US 2012267197 A1 20121025 - KIEFFER MITCHELL I [US], et al
- US 8387753 B2 20130305 - KIEFFER MITCHELL I [US], et al
- US 6883645 B2 20050426 - KIEFFER MITCHELL I [US], et al

Citation (search report)

- [I] GB 2305956 A 19970423 - KUO GARY [TW]
- [A] WO 2013178238 A1 20131205 - DARIO MARKENARTIKEL GMBH & CO KG [DE], et al

Cited by

US10995547B2

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 3147447 A1 20170329; EP 3147447 B1 20180509; CN 106555548 A 20170405; CN 106555548 B 20200421

DOCDB simple family (application)

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