

Title (en)
TELESCOPING LADDER

Title (de)
TELESKOPLEITER

Title (fr)
ÉCHELLE TÉLESCOPIQUE

Publication
EP 3227517 B1 20230927 (EN)

Application
EP 15808534 A 20151202

Priority

- US 201414558042 A 20141202
- US 201414557944 A 20141202
- US 2015063518 W 20151202

Abstract (en)
[origin: WO2016090041A1] A foldable ladder has a first ladder portion and a second ladder portion hingedly attached to the first ladder portion by a pair of hinge mechanisms. Each hinge mechanism adapted to lock the first and second ladder portions such that the first ladder portion and the second ladder portion form an angle therebetween. The hinge mechanism has a shifting mechanism and a ladder angle selector coupled thereto to allow manual selection of the angle between the first and second ladder portions, and a locking pin to lock the first and second ladder portions at an angular position.

IPC 8 full level
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CPC (source: CN EP)
E06C 1/125 (2013.01 - CN EP); **E06C 1/18** (2013.01 - EP); **E06C 1/32** (2013.01 - CN EP); **E06C 7/42** (2013.01 - CN EP);
E06C 7/423 (2013.01 - EP); **E06C 7/46** (2013.01 - EP)

Citation (examination)

- US 2010071996 A1 20100325 - HUANG WEN-HUNG [TW]
- GB 2503742 A 20140108 - TELETOWER COM LTD [GB]
- US 2827216 A 19580318 - NAPOLITANO LEONARD B
- US 2010071996 A1 20100325 - HUANG WEN-HUNG [TW]
- GB 2503742 A 20140108 - TELETOWER COM LTD [GB]
- US 2827216 A 19580318 - NAPOLITANO LEONARD B

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

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CN 107250479 A 20171013; CN 107250479 B 20201113; CN 112459698 A 20210309; CN 112459698 B 20220111; EP 3227517 A1 20171011;
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US 2015063518 W 20151202; CA 2968554 A 20151202; CA 3130716 A 20151202; CN 201580065774 A 20151202;
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