

Title (en)  
FOLDABLE LADDER

Title (de)  
KLAPPLEITER

Title (fr)  
ÉCHELLE PLIABLE

Publication  
**EP 3227517 A1 20171011 (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  
**E06C 1/12** (2006.01); **E06C 1/32** (2006.01); **E06C 7/42** (2006.01)

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)

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)  
**WO 2016090041 A1 20160609**; CA 2968554 A1 20160609; CA 2968554 C 20220524; CA 3130716 A1 20160609; CA 3130716 C 20230926;  
CN 107250479 A 20171013; CN 107250479 B 20201113; CN 112459698 A 20210309; CN 112459698 B 20220111; EP 3227517 A1 20171011;  
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