

Title (en)
LADDER

Title (de)
LEITER

Title (fr)
ÉCHELLE

Publication
EP 3894654 A4 20220119 (EN)

Application
EP 19894846 A 20191213

Priority
• US 201816219834 A 20181213
• US 201962865185 P 20190622
• US 2019066162 W 20191213

Abstract (en)
[origin: WO2020123905A1] A ladder that is foldable and collapsible. The ladder includes a first side rail and a second side rail that are spaced apart from one another by a plurality of rungs extending between the first and second side rails. The rungs may be pivotably coupled to the first and second side rails. The ladder is foldable between a plurality of configurations and the ladder is collapsible rail-to-rail.

IPC 8 full level
E06C 1/383 (2006.01); **E06C 1/18** (2006.01); **E06C 1/387** (2006.01); **E06C 7/08** (2006.01); **E06C 9/08** (2006.01)

CPC (source: EP)
E06C 1/18 (2013.01); **E06C 1/383** (2013.01); **E06C 1/387** (2013.01)

Citation (search report)
• [XY] JP S571298 U 19820106
• [XY] US 2006032708 A1 20060216 - WELSH GRAHAM K [AU]
• [A] NL 1039300 C2 20130718 - DARTEL ROBERT
• [A] EP 2878760 A1 20150603 - TERÄS KARI OY [FI]
• See also references of WO 2020123905A1

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 2020123905 A1 20200618; CA 3123005 A1 20200618; CN 113195863 A 20210730; CN 113195863 B 20240227;
CN 117967182 A 20240503; EP 3894654 A1 20211020; EP 3894654 A4 20220119; EP 3894654 B1 20240124; EP 4325024 A2 20240221;
MX 2021007027 A 20210930

DOCDB simple family (application)
US 2019066162 W 20191213; CA 3123005 A 20191213; CN 201980083607 A 20191213; CN 202410153634 A 20191213;
EP 19894846 A 20191213; EP 24150659 A 20191213; MX 2021007027 A 20191213