

Title (en)
SUPPORT FOR A MARKER POLE

Title (de)
TRÄGER FÜR EINEN MARKIERUNGSSTOCK

Title (fr)
SUPPORT POUR UN POTEAU DE MARQUAGE

Publication
EP 3658712 A4 20210331 (EN)

Application
EP 18837287 A 20180725

Priority
• FI U20170127 U 20170725
• FI 2018050553 W 20180725

Abstract (en)
[origin: WO2019020867A1] A support for a marker pole, comprising a ground-embedded ground spike (5) in the form of a straight rod and a marker pole holder in the form of a spiral (1, 2), characterized in that one or more of the uppermost turns (1) of the spiral have a larger inner diameter than the lower turns (2) of the spiral.

IPC 8 full level
E01F 9/673 (2016.01); **E01F 9/677** (2016.01); **E01F 9/685** (2016.01); **E04H 12/22** (2006.01)

CPC (source: EP US)
E01F 9/608 (2016.02 - EP US); **E01F 9/629** (2016.02 - EP); **E01F 9/658** (2016.02 - EP US); **E04H 12/2215** (2013.01 - EP)

Citation (search report)
• [XYI] GB 2308962 A 19970716 - DUPLEX EDMUND GRAHAM [GB]
• [X] US 2520818 A 19500829 - TERRY CHARLES W
• [Y] US 2558768 A 19510703 - MCCORMICK GORDON M
• [A] US 2007145225 A1 20070628 - BONDY DAVID E [CA]
• [A] US 4955807 A 19900911 - CHANCE ALLEN [US], et al
• [AD] US 3067717 A 19621211 - IMPARATO EDWARD T
• See references of WO 2019020867A1

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

DOCDB simple family (publication)
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