

Title (en)  
CROSS-COUNTRY INTERCHANGEABLE PLATE SYSTEM

Title (de)  
LANGLAUF-TELLERWECHSELSYSTEM

Title (fr)  
SYSTÈME DE CHANGEMENT DE RONDELLE POUR LA RANDONNÉE

Publication  
**EP 3288411 B1 20190626 (DE)**

Application  
**EP 16718271 A 20160408**

Priority

- CH 5782015 A 20150427
- CH 17332015 A 20151127
- EP 2016057816 W 20160408

Abstract (en)  
[origin: WO2016173827A1] Attachment for a pole, in particular for a trekking pole, cross-country ski pole, Nordic-walking pole, or Alpine ski pole, comprising a substantially cylindrical sleeve (3) which can be fastened to the bottom free end (25) of a pole shaft (1), comprising a blind hole (22) open towards the top to accommodate the bottom free end of the pole bar, and an interchangeable element (2), which can be fastened to the sleeve in a detachable form-fitting and force-fitting manner. The sleeve comprises a head region (4) and an adjoining body region (5) extending downwards, and an outer thread (6) on at least one axial section of the body region. The interchangeable element comprises a tip or a rolling surface on the bottom end (21) thereof, wherein the interchangeable element has an axial blind hole (15) open towards the top for accommodating the sleeve.

IPC 8 full level  
**A45B 9/04** (2006.01); **A63C 11/24** (2006.01)

CPC (source: EP KR RU US)  
**A45B 9/04** (2013.01 - EP KR RU US); **A63C 11/227** (2013.01 - RU US); **A63C 11/24** (2013.01 - EP KR US)

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)  
**WO 2016173827 A1 20161103**; CA 2982805 A1 20161103; CA 2982805 C 20230627; CN 107530579 A 20180102; CN 107530579 B 20191119; EP 3288411 A1 20180307; EP 3288411 B1 20190626; HK 1246115 B 20200417; JP 2018514294 A 20180607; JP 6893178 B2 20210623; KR 102515893 B1 20230329; KR 20170140259 A 20171220; RU 2017138999 A 20190527; RU 2017138999 A3 20190813; RU 2712379 C2 20200128; US 10517361 B2 20191231; US 2018295954 A1 20181018

DOCDB simple family (application)  
**EP 2016057816 W 20160408**; CA 2982805 A 20160408; CN 201680024199 A 20160408; EP 16718271 A 20160408; HK 18105936 A 20180508; JP 2017556166 A 20160408; KR 20177032330 A 20160408; RU 2017138999 A 20160408; US 201615569449 A 20160408