

Title (en)  
GRIP ASSIST APPARATUS WITH INSERT

Title (de)  
GREIFHILFSVORRICHTUNG MIT EINSATZ

Title (fr)  
APPAREIL D'AIDE À LA PRÉHENSION AVEC INSERT

Publication  
**EP 3829371 A1 20210609 (EN)**

Application  
**EP 18792569 A 20180802**

Priority  
US 2018044901 W 20180802

Abstract (en)  
[origin: WO2020027838A1] A grip assist apparatus that may be worn on either hand that includes a gripping portion that includes an insert designed to prevent lifting bars to come into contact with an area of vulnerability in the center of the palm, which is prone to injury.

IPC 8 full level  
**A41D 13/08** (2006.01); **A63B 21/00** (2006.01); **A63B 71/14** (2006.01)

CPC (source: EP KR RU)  
**A41D 13/08** (2013.01 - RU); **A41D 13/082** (2013.01 - EP KR); **A63B 21/4019** (2015.10 - EP KR); **A63B 21/4021** (2015.10 - EP KR); **A63B 21/4035** (2015.10 - EP KR); **A63B 71/14** (2013.01 - KR); **A44C 5/0007** (2013.01 - EP); **A63B 71/14** (2013.01 - EP); **A63B 2244/09** (2013.01 - EP KR)

Citation (examination)  
US 2018213864 A1 20180802 - PARKER MICHAEL S [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

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**WO 2020027838 A1 20200206**; AU 2018434907 A1 20210218; AU 2018434907 B2 20231214; BR 112021001913 A2 20210427; CA 3107626 A1 20200206; CN 112601470 A 20210402; EP 3829371 A1 20210609; JP 2021531903 A 20211125; JP 7090205 B2 20220623; KR 102569152 B1 20230821; KR 20210120973 A 20211007; NZ 772335 A 20240830; PH 12021550179 A1 20220214; RU 2765078 C1 20220125; SG 11202100731X A 20210225; ZA 202101188 B 20211027

DOCDB simple family (application)  
**US 2018044901 W 20180802**; AU 2018434907 A 20180802; BR 112021001913 A 20180802; CA 3107626 A 20180802; CN 201880096760 A 20180802; EP 18792569 A 20180802; JP 2021504538 A 20180802; KR 20217006343 A 20180802; NZ 77233518 A 20180802; PH 12021550179 A 20210123; RU 2021104758 A 20180802; SG 11202100731X A 20180802; ZA 202101188 A 20210222