

Title (en)
FINGER SUPPORTS AND GLOVES INCORPORATING THE SAME

Title (de)
FINGERSTÜTZEN UND HANDSCHUHE DAMIT

Title (fr)
SUPPORTS DE DOIGTS ET GANTS INTÉGRANT CEUX-CI

Publication
EP 3380050 C0 20230607 (EN)

Application
EP 16869347 A 20161127

Priority
• US 201562260566 P 20151129
• US 201662410423 P 20161020
• US 2016063800 W 20161127

Abstract (en)
[origin: WO2017091824A1] Injuries to the fingers of the hand can substantially limit mobility and dexterity. Moreover, continued use of injured fingers without proper support can exacerbate pain, as well as joint, tendon and tissue damage. These realities are compounded among persons who rely heavily on their hands for work or recreation. Among this group are, for example, landscapers, construction workers, and athletes of all levels, from recreational to professional. A common finger injury among certain athletes is hyperextension resulting from the rearward being of the finger beyond its natural range of motion. Among the measures taken by athletes to prevent initial or further finger injury of already-injured fingers is the wrapping of fingers in tape. For more severe injuries, a finger might be secured to a splint with athletic tape. Even taping substantially limits mobility, and is nevertheless a time-consuming process that must be repeated before practices and games. Splinting is a less temporary measure, but results in very limited mobility. Accordingly, there exists a need for a finger brace and associated finger support system that can be readily installed about one or more fingers, adjusted, removed and reinstalled, while allowing an acceptable range of finger motion required for task performance.

IPC 8 full level
A61F 5/00 (2006.01); **A63B 71/14** (2006.01)

CPC (source: EP)
A63B 71/141 (2013.01); **A63B 71/143** (2013.01); **A63B 71/148** (2013.01); **A63B 2209/10** (2013.01)

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

Participating member state (EPC – UP)
AT BE BG DE DK EE FI FR IT LT LU LV MT NL PT SE SI

DOCDB simple family (publication)
WO 2017091824 A1 20170601; EP 3380050 A1 20181003; EP 3380050 A4 20200108; EP 3380050 B1 20230607; EP 3380050 C0 20230607

DOCDB simple family (application)
US 2016063800 W 20161127; EP 16869347 A 20161127