

Title (en)
Hand protection system

Title (de)
Handschutzesystem

Title (fr)
Système de protection des mains

Publication
EP 2311535 A1 20110420 (EN)

Application
EP 09173334 A 20091016

Priority
EP 09173334 A 20091016

Abstract (en)
A system which in use is mounted onto a glove (10) for protecting the back of a user's hand comprises plurality of elongate, flexible strips (30), each overlying a respective finger. Each strip (30) has a first end portion (32) serving as sole means of fixedly attaching the strip to the glove, usually in the vicinity of the fingertips, and a remaining portion, extending to the second end of the strip, which is free to move relative to the glove (10). In this respect, a plurality of discrete guide structures (40) are attached to the glove at a spacing remote from the first end portion (32) of each strip (30) so that the strip extends across, through or into the guide structure and is held in position on the glove (10) in a manner which allows sliding displacement of the remaining portion of the strip along the longitudinal axis of the strip. The guide structures (40) may be configured to provide a closed tunnel (44) through which the strip extends, or in other versions may be open so that opposing engagement lugs slidably retain side edges of the strip (30). Optionally, a plate assembly (20) is mounted over the knuckle and/or metacarpal region of the hand and is configured to provide plural guide portions (26) into which the free second end portions of at least some of the strips (30) are received in slidable manner.

IPC 8 full level
A63B 71/14 (2006.01); **A41D 19/015** (2006.01)

CPC (source: EP US)
A41D 19/01588 (2013.01 - EP US); **A63B 71/14** (2013.01 - EP US); **A63B 71/148** (2013.01 - EP US)

Citation (applicant)
• US 2006048259 A1 20060309 - KEPPLER THOMAS [DE], et al
• EP 1632273 A1 20060308 - UHLSPORT GMBH [DE]

Citation (search report)
• [X] DE 202009006521 U1 20090716 - PHILLA IND INC [TW]
• [I] EP 1905319 A1 20080402 - ADIDAS INT MARKETING BV [NL]
• [A] WO 2008008166 A2 20080117 - HOELSCHER STEVEN L [US]
• [A] DE 10244236 A1 20040325 - FLEISCHMANN ENDRIK [DE]

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CN104117198A; EP3380050A4; WO2020233891A1

Designated contracting state (EPC)
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 SE SI SK SM TR

Designated extension state (EPC)
AL BA RS

DOCDB simple family (publication)
EP 2311535 A1 20110420; US 2011088139 A1 20110421

DOCDB simple family (application)
EP 09173334 A 20091016; US 90306810 A 20101012