

Title (en)

PROTECTION DEVICE AND PROCESS FOR MANUFACTURING SUCH PROTECTION DEVICE

Title (de)

SCHUTZVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG DIESER SCHUTZVORRICHTUNG

Title (fr)

DISPOSITIF DE PROTECTION ET PROCÉDÉ DE FABRICATION DE CE DISPOSITIF DE PROTECTION

Publication

EP 3795020 A1 20210324 (EN)

Application

EP 20196243 A 20200915

Priority

IT 201900016553 A 20190917

Abstract (en)

[origin: US2021076759A1] A protective device for protection of a user, a process for manufacture thereof and use of a knitting machine for manufacturing such a protective device. In particular the protective device includes an inflatable element able to assume an active inflated condition and a deflated rest condition. The inflatable element includes a knitted body with closed structure on at least four sides or walls and having an at least partially tubular form and defining an inner zone or inner chamber. The knitted body also includes a second filament which forms a plurality of joining threads which cross the inner chamber and are knotted to two faces of the knitted body.

IPC 8 full level

A41D 13/018 (2006.01)

CPC (source: EP US)

A41D 13/0155 (2013.01 - US); **A41D 13/018** (2013.01 - EP); **D04B 1/246** (2013.01 - US); **A41D 2500/10** (2013.01 - US); **A41D 2500/20** (2013.01 - US); **D10B 2501/04** (2013.01 - US)

Citation (applicant)

- EP 3291697 B1 20181205 - DAINESE SPA [IT]
- WO 2010067288 A1 20100617 - DAINESE SPA [IT], et al
- WO 2017132319 A2 20170803 - UNIV MINNESOTA [US], et al
- EP 3167730 A1 20170517 - DAINESE SPA [IT]

Citation (search report)

- [A] WO 2016178143 A1 20161110 - DAINESE SPA [IT]
- [A] IT RM20080657 A1 20100610 - DAINESE SPA

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)

EP 3795020 A1 20210324; **EP 3795020 B1 20220720**; IT 201900016553 A1 20210317; US 2021076759 A1 20210318

DOCDB simple family (application)

EP 20196243 A 20200915; IT 201900016553 A 20190917; US 202017017224 A 20200910