

Title (en)
PROTECTION DEVICE AND METHOD FOR MANUFACTURING SUCH PROTECTION DEVICE

Title (de)
SCHUTZVORRICHTUNG UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)
DISPOSITIF DE PROTECTION ET SON PROCEDE DE FABRICATION

Publication
EP 3075274 A1 20161005 (EN)

Application
EP 16162494 A 20160325

Priority
IT VR20150051 A 20150330

Abstract (en)
A method for manufacturing a protection device and a respective protection device are described. The method envisages designing a lattice body comprising a plurality of cells (15) or internally hollow units or units having a cavity. The method envisages increasing the energy absorption capacity of one or more zones of said lattice body (12) by subdividing one or more cells (15) of said one or more zones of the lattice body (12) into two or more cell fractions, or filling at least a part of the cavity (16) of one or more of said cells (15) of said one or more zones of the lattice body (12).

IPC 8 full level
A41D 13/015 (2006.01); **A41D 13/06** (2006.01)

CPC (source: EP)
A41D 13/0156 (2013.01); **A41D 13/065** (2013.01)

Citation (search report)
• [X] US 2012030850 A1 20120209 - WOOD JOHN [GB]
• [X] US 5524641 A 19960611 - BATTAGLIA ARTHUR P [US]
• [X] US 2005019524 A1 20050127 - KERSHAW MARK E [GB]
• [X] US 2015000018 A1 20150101 - BRANDT BARON C [US]
• [X] US 2014259325 A1 20140918 - BEHREND CARL [US], et al

Cited by
CN110448822A; EP3704980A1; EP3527091A1; WO2020021063A1; WO2020157372A1

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 3075274 A1 20161005

DOCDB simple family (application)
EP 16162494 A 20160325