

Title (en)
PROTECTIVE SCREEN AND VISOR PRODUCED THEREWITH FOR A SAFETY HELMET, PARTICULARLY A FORESTRY WORKER'S HELMET

Title (de)
SCHUTZSCHIRM UND DAMIT HERGESTELLTES VISIER FÜR EINEN SCHUTZHELM, INSBESONDERE EINEN FORSTARBEITERHELM

Title (fr)
ÉCRAN DE PROTECTION ET VISIÈRE FABRIQUÉE AVEC CELUI-CI POUR UN CASQUE DE PROTECTION, EN PARTICULIER UN CASQUE D'OUVRIER FORESTIER

Publication
EP 2911540 B1 20170719 (DE)

Application
EP 13780336 A 20131016

Priority
• DE 102012021587 A 20121026
• EP 2013071629 W 20131016

Abstract (en)
[origin: CA2889590A1] A protective screen (10) to protect the face and, above all, the eyes of a person against flying particles and sharp objects has a mesh (12) with a mesh structure which is formed from a plurality of adjacent rows of hexagonal openings (14), which rows are bounded by mesh webs (16) common to the openings (14). The openings (14) in the mesh (12) are each of substantially the same area. The mesh (12) is enclosed by an edge (18) with no mesh structure which has a width (B) which is at least equal to the height (H) of a row of openings (14) in the mesh structure. The mesh webs (16) of at least two rows of openings (14) adjacent to the edge (18) can be made thicker than the mesh webs for the other openings, wherein, however, all the openings in the mesh (12) are nevertheless substantially identical in area. The mesh (12) is produced by etching spring steel sheet. A visor for a safety helmet, especially a forestry worker's helmet is produced from the protective screen (10) by injection moulding a supporting frame around its edge (18).

IPC 8 full level
A42B 3/22 (2006.01)

CPC (source: EP US)
A41D 13/1184 (2013.01 - US); **A42B 3/18** (2013.01 - US); **A42B 3/22** (2013.01 - EP US); **A42B 3/225** (2013.01 - EP 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

DOCDB simple family (publication)
DE 102012021587 A1 20140430; DE 102012021587 B4 20150319; AU 2013336891 A1 20150514; AU 2013336891 B2 20170629; CA 2889590 A1 20140501; CA 2889590 C 20190528; EP 2911540 A1 20150902; EP 2911540 B1 20170719; NZ 707340 A 20170825; US 2015272259 A1 20151001; WO 2014063969 A1 20140501

DOCDB simple family (application)
DE 102012021587 A 20121026; AU 2013336891 A 20131016; CA 2889590 A 20131016; EP 13780336 A 20131016; EP 2013071629 W 20131016; NZ 70734013 A 20131016; US 201314438357 A 20131016