

Title (en)
HELMET WITH SPHERICAL VISOR

Title (de)
HELM MIT KUGELFÖRMIGEM VISIER

Title (fr)
CASQUE AVEC UNE VISIERE SPHERIQUE

Publication
EP 1168938 B1 20050601 (EN)

Application
EP 99964757 A 19991229

Priority
• HR 9900034 W 19991229
• HR P990071 A 19990408
• HR P990373 A 19991201

Abstract (en)
[origin: WO0060970A1] The helmet with spherical vizor solves the technical problem of increasing protective effects of the helmet against mechanical, thermal, light, resounding and chemical effects from the direct environment at performing fire and other activities with simultaneous simplification of construction and reduction of production costs. The Figure shows the helmet consisting of the shell (1), ring support (2), spherical vizor (3), six-arm cross with the head basket, latchets for helmet binding, neck protection piece (4) and connective elements. The ring support (2) is with screws (25) and joints with axes (O) round which the spherical vizor (3) is rotating, connected to the lower part of the inner jacket of the shell (1). All connections of arms of the six-arm cross, latchets for binding and the neck protection piece (4) are made on the inner jacket of the ring support (2). By binding these parts to the simple ring support (2), the manufacture is simplified and the manufacture costs reduces and mechanical resistance of the helmet is increased. The spherical form of the vizor (3) with reinforced outside and inner edge enables the use of that helmet in combination with masks for protection of respiratory organs.

IPC 1-7
A42B 3/14; **A42B 3/10**; **A42B 3/22**; **A42B 3/06**

IPC 8 full level
A42B 3/06 (2006.01); **A42B 3/10** (2006.01); **A42B 3/14** (2006.01); **A42B 3/22** (2006.01)

CPC (source: EP)
A42B 3/105 (2013.01); **A42B 3/14** (2013.01); **A42B 3/225** (2013.01)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0060970 A1 20001019; AT E296549 T1 20050615; AU 3067800 A 20001114; DE 69925642 D1 20050707; EP 1168938 A1 20020109; EP 1168938 B1 20050601; HK 1045441 A1 20021129

DOCDB simple family (application)
HR 9900034 W 19991229; AT 99964757 T 19991229; AU 3067800 A 19991229; DE 69925642 T 19991229; EP 99964757 A 19991229; HK 02104908 A 20020628