

Title (en)
COUPLING DEVICE FOR HELMET SHIELD AND HELMET COMPRISING SAME

Title (de)
KUPPLUNGSVORRICHTUNG FÜR EIN HELMVISIER UND HELM DAMIT

Title (fr)
DISPOSITIF D'ACCOUPLEMENT POUR PROTECTEUR FACIAL ET CASQUE LE COMPRENANT

Publication
EP 2762022 A4 20160309 (EN)

Application
EP 11873315 A 20110930

Priority
KR 2011007270 W 20110930

Abstract (en)
[origin: EP2762022A1] Provided is a shield coupling apparatus for a helmet, which includes: a sliding member protruding on an inner side surface of a shield and having a lower groove formed at one side of a circumference thereof to surround a combining protrusion having a flange, the sliding member being coupled to an elastic member; and a base member coupled to the elastic member and disposed to be slidable in a direction along which the sliding member compresses the elastic member, the base member having an upper groove formed to surround an upper portion of the combining protrusion, the base member having a rotation guiding unit for allowing the shield to rotate stage by stage, wherein the sliding member accommodates the flange in an accommodation groove formed in the lower groove by means of sliding so that the combining protrusion is pivotally mounted, wherein the rotation guiding unit includes: a rotation slot having a plurality of partitioning protrusions formed at an inner surface thereof so that a rotation slot coupling protrusion protruding on an inner side surface of the shield is coupled to one of partitioned regions; and a buffering slot formed to be spaced apart from the inner surface of the rotation slot by a predetermined interval.

IPC 8 full level
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CPC (source: EP KR)
A42B 3/003 (2013.01 - KR); **A42B 3/04** (2013.01 - KR); **A42B 3/18** (2013.01 - KR); **A42B 3/185** (2013.01 - KR); **A42B 3/20** (2013.01 - KR); **A42B 3/222** (2013.01 - EP); **A42B 3/223** (2013.01 - EP); **A42B 3/324** (2013.01 - KR); **A42B 3/326** (2013.01 - EP)

Citation (search report)

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- [Y] WO 2011013902 A2 20110203 - HJC CORP [KR], et al & EP 2517586 A2 20121031 - HJC CORP [KR]
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CN105310162A; EP3925474A1; IT202000014215A1; CN114269193A; EP4056063A4; FR3139978A1

Designated contracting state (EPC)
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