Title (en)
PROTECTIVE HELMET WITH MOVABLE CHIN GUARD WITH AUTOMATIC LIFTING MECHANISM FOR THE SCREEN

Title (de)
SCHUTZHELM MIT BEWEGLICHEM KIEFERSCHILD MIT AUTOMATISCHEM DISPLAYERFASSUNGSMECHANISMUS

Title (fr)
CASQUE DE PROTECTION À MENTONNIÈRE MOBILE AVEC MÉCANISME DE RELEVAGE AUTOMATIQUE DE L' ÉCRAN

Publication
EP 2976957 B1 20170301 (FR)

Application
EP 15176832 A 20150715

Priority
FR 1457005 A 20140721

Abstract (en)

[origin: US2016015114A1] A protective helmet including a shell on which are moveably mounted a shield and a chin guard, the chin guard being moveable between a closed position and an open position and having two lateral branches each provided with a guide in which is meshed a guiding finger fixed on the shell, and the shield being moveable between a lowered position and a lifted position and having two lateral arms articulated on the shell, the helmet having an automatic lifting mechanism of the shield configured to lift the shield from the lowered position during the closing movement of the chin guard and including at least a cam-follower system including: a rotary cam secured to a guiding finger pivotally mounted on the shell and connected in rotation to the corresponding lateral branch of the chin guard by cooperation of form with the guide, and a follower element secured to a lateral arm of the shield, wherein the cam and the follower element are at least in partial contact along a given cam surface.

IPC 8 full level
A42B 3/22 (2006.01); **A42B 3/32** (2006.01)

CPC (source: BR EP US)
A42B 3/222 (2013.01 - EP US); **A42B 3/326** (2013.01 - BR EP US)

Cited by
US11213089B2

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DOCDB simple family (publication)
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BR 102015017243 A2 20160126; BR 102015017243 B1 20220308; ES 2625394 T3 20170719; FR 3023681 A1 20160122;
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