

Title (en)
Full-face helmet and method of manufacturing same

Title (de)
Integralhelm und Verfahren zu seiner Herstellung

Title (fr)
Casque intégral et procédé pour fabriquer celui-ci

Publication
EP 1627575 A1 20060222 (EN)

Application
EP 05107246 A 20050805

Priority
IT TO20040569 A 20040817

Abstract (en)
A full-face helmet comprises an outer shell (11) which forms a bubble (12) with a base portion (12a) and a chin protector (13). A layer of expanded polystyrene (30) covers the inner surface of the bubble and fills an annular gap (14) bounded on the outside by the chin protector (13) and by the base (12a) of the bubble, and on the inside by an annular band (20) located within and at a distance from the base portion (12a) of the bubble and from the chin protector (13). The polystyrene layer (30) firmly connects the inner band (20) to the outer shell (11).

IPC 8 full level
A42B 3/06 (2006.01)

CPC (source: EP)
A42B 3/06 (2013.01); **A42B 3/08** (2013.01); **A42B 3/125** (2013.01); **A42B 3/28** (2013.01); **A42C 2/002** (2013.01)

Citation (search report)
• [XY] US 4710984 A 19871208 - ASPER JEAN-JACQUES [CH], et al
• [Y] FR 2340066 A1 19770902 - SL FRANCE [FR]
• [Y] US 6711751 B1 20040330 - MUSKOVITZ DAVID TODD [US]
• [A] WO 9113560 A1 19910919 - REX HANDELS & IND AB [SE]
• [Y] EP 0370696 A2 19900530 - BELL BICYCLES INC [US]

Cited by
ITMO20100332A1; US11350687B2; CN112056679A; EP2289360A3; EP2042048A3; ITGE20100119A1; EP2074898A3; EP2071969A2; US11399589B2; WO2016112987A1; USD927084S; US11213736B2; US11712615B2; US10721987B2; US11638457B2; WO2021089897A1; WO2008090349A1; US10874162B2; US11311067B2; US11503872B2; US10948898B1; US11167198B2; US11419383B2; US11889883B2; US10362829B2; US11291263B2; US11871809B2; EP2042048A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
EP 1627575 A1 20060222; EP 1627575 B1 20071024; AT E376368 T1 20071115; AT E427671 T1 20090415; DE 602005002988 D1 20071206; DE 602005002988 T2 20080814; DE 602005013824 D1 20090520; EP 1839510 A1 20071003; EP 1839510 B1 20090408; ES 2296082 T3 20080416; ES 2323390 T3 20090714; IT TO20040569 A1 20041117

DOCDB simple family (application)
EP 05107246 A 20050805; AT 05107246 T 20050805; AT 07110481 T 20050805; DE 602005002988 T 20050805; DE 602005013824 T 20050805; EP 07110481 A 20050805; ES 05107246 T 20050805; ES 07110481 T 20050805; IT TO20040569 A 20040817