

Title (en)

Mouthguard having breathing cavities and breathing holes incorporated into the body of the mouthguard

Title (de)

Bissschiene mit Atemaussparungen und Atemlöchern im Körper der Bissschiene

Title (fr)

Protège-dents doté de cavités de respiration et orifices de respiration incorporés au corps du protège-dents

Publication

EP 2409737 A1 20120125 (EN)

Application

EP 11174916 A 20110721

Priority

US 84287310 A 20100723

Abstract (en)

An improved mouthguard which has incorporated into it at least one and preferably a multiplicity of breathing holes which extend through an exterior sidewall, an interior sidewall and/or through a bottom transverse wall in the body of the mouthguard. The mouthguard can also have incorporated into it at least one and preferably a multiplicity of breathing cavities extending from an upper surface of an exterior and/or interior sidewall into a portion of the sidewall to form one or more air passages.

IPC 8 full level

A63B 71/08 (2006.01)

CPC (source: EP US)

A63B 71/085 (2013.01 - EP US)

Citation (applicant)

- US 82487207 A 20070702
- US 7422107 B2 20080909 - BURNS JOHN [US], et al
- US 3768465 A 19731030 - HELMER N
- US 5611355 A 19970318 - HILSEN KENNETH L [US]

Citation (search report)

- [X] WO 2006108209 A1 20061019 - FARRELL CHRISTOPHER JOHN [AU]
- [X] US 2010129763 A1 20100527 - KUO ERIC [US]
- [X] US 4955393 A 19900911 - ADELL LOREN S [US]

Cited by

GB2500228A; GB2500228B

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2409737 A1 20120125; AU 2011204885 A1 20120209; CA 2747139 A1 20120123; CA 2747139 C 20140930; CN 102343149 A 20120208; JP 2012024581 A 20120209; US 2012017922 A1 20120126; ZA 201105424 B 20120328

DOCDB simple family (application)

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