

Title (en)

Helmet providing position feedback

Title (de)

Helm mit Positionsfeedback

Title (fr)

Casque fournissant une rétroaction de la position

Publication

EP 2962586 B1 20170125 (EN)

Application

EP 14175695 A 20140703

Priority

EP 14175695 A 20140703

Abstract (en)

[origin: EP2962586A1] A system for optimizing a rider's head position during riding, said system comprising: a helmet (1) comprising: - an outer casing (2) designed to have a direction X 1 wherein said helmet has a drag (coefficient) lower than the drag (coefficient) of said helmet in any other direction; - a sensor unit (3) integrated in the helmet enabling determining a value corresponding to the angle between the direction X 1 and a predetermined direction X REF defined in the plane defined by the field of gravity and the direction X 1 ; - an output unit (4), providing an output signal to the helmet wearer in function of the value determined by the sensor unit.

IPC 8 full level

A42B 3/04 (2006.01)

CPC (source: EP)

A42B 3/0433 (2013.01); **A42B 3/0493** (2013.01)

Citation (opposition)

Opponent : BiiP cvba

- US 2013054143 A1 20130228 - DEGOLIER ERIC [GB]
- US 2012157243 A1 20120621 - GALLO CHRISTOPHER J [US]
- US 2011001623 A1 20110106 - KIM YONG-UN [KR]
- US 5425378 A 19950620 - SWEZEY ROBERT L [US], et al
- US 2007015611 A1 20070118 - NOBLE CHRISTOPHER R [US], et al
- US 2003002705 A1 20030102 - BOESEN PETER V [US]
- EP 1616600 A1 20060118 - ACTIMON GMBH & CO KG [DE]
- US 2004171969 A1 20040902 - SOCCI ROGER DAVID [US], et al
- DE 102012214061 B4 20150319 - UVEX SPORTS GMBH & CO KG [DE]
- DRIES BERVOET: "De hightechspurt van het wielrennen", DE TIJD, 23 March 2013 (2013-03-23), XP055433961
- UVEX: "UVEX FP2 HELMET + UVEX FP2 product description on product", CATALOGUE HELMETS & EYEWEAR CYCLING 2012, June 2011 (2011-06-01), pages 1 - 67, XP055433969, Retrieved from the Internet <URL:<https://www.racycles.com/product/detail/5608>>

Cited by

EP3269267A1; WO2018011050A1

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

DOCDB simple family (publication)

EP 2962586 A1 20160106; EP 2962586 B1 20170125; EP 2962586 B8 20170628; DK 2962586 T3 20170320; ES 2618356 T3 20170621

DOCDB simple family (application)

EP 14175695 A 20140703; DK 14175695 T 20140703; ES 14175695 T 20140703