

Title (en)
COLLAPSIBLE AERODYNAMIC HELMET

Title (de)
ZUSAMMENKLAPPBARER AERODYNAMISCHER HELM

Title (fr)
CASQUE AERODYNAMIQUE REPLIABLE

Publication
EP 4190196 A1 20230607 (EN)

Application
EP 22209258 A 20221124

Priority
US 202163285499 P 20211203

Abstract (en)
A collapsible aerodynamic helmet (400) for a rider of a bicycle or vehicle is provided. The collapsible aerodynamic helmet includes a body member (102) wearable by the rider. The collapsible aerodynamic helmet also includes a tail support member (104) outwardly extending laterally towards the back of the body member. The tail support member includes a cut-out side portion (106a, 106b) on each side of the body member that extends in a specified shape to accommodate the shoulders of the rider. The tail support member (104) also includes a back support member (108) coupled to the cut-out side portion to complement the shape of the rider's shoulders and back. The collapsible aerodynamic helmet further includes a securing means (110) for compactly securing the tail member (104) for coupling with conventional helmets.

IPC 8 full level
A42B 3/04 (2006.01); **A42B 3/32** (2006.01)

CPC (source: CN EP)
A42B 3/0493 (2013.01 - EP); **A42B 3/06** (2013.01 - CN); **A42B 3/322** (2013.01 - CN EP)

Citation (search report)

- [X] JP 2003113522 A 20030418 - KITAGAWA FUKUO
- [X] EP 3243399 B1 20180912 - ENDURA LTD [GB]
- [X] CH 671864 A5 19891013 - BEAT ENGEL

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA

Designated validation state (EPC)
KH MA MD TN

DOCDB simple family (publication)
EP 4190196 A1 20230607; CN 116211016 A 20230606; JP 2023083238 A 20230615

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