

Title (en)
A HEAD RESTRAINT

Title (de)
KOPFSTÜTZE

Title (fr)
APPUIE-TÊTE

Publication
EP 4017321 A4 20230913 (EN)

Application
EP 20875383 A 20201009

Priority
• AU 2019903829 A 20191011
• AU 2020051086 W 20201009

Abstract (en)
[origin: WO2021068036A1] A head restraint has a flexible tension strap, a forehead band and a shaped cushioning wedge member connected between the strap and the forehead band. The tension strap anchors the lower edge of the wedge member which acts as a fulcrum and the wedge member comprises structural integrity to be sufficiently rigid to act as a load arm to apply rearward load force on the forehead band against effort force applied against the front of the wedge member by the user's neck.

IPC 8 full level
A47C 7/38 (2006.01); **A47C 16/00** (2006.01); **B60N 2/882** (2018.01)

CPC (source: AU EP US)
A47C 7/383 (2013.01 - AU EP US)

Citation (search report)
• [X] US 10343572 B2 20190709 - KNAPP TRAVIS LYN [US]
• [X] US 9833025 B2 20171205 - KNAPP TRAVIS LYN [US]
• See also references of WO 2021068036A1

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)
WO 2021068036 A1 20210415; AU 2020363436 A1 20220414; CN 114585279 A 20220603; EP 4017321 A1 20220629;
EP 4017321 A4 20230913; US 2022322831 A1 20221013

DOCDB simple family (application)
AU 2020051086 W 20201009; AU 2020363436 A 20201009; CN 202080071423 A 20201009; EP 20875383 A 20201009;
US 202017754133 A 20201009