

Title (en)  
HELMET HAVING A CHIN BAR COLLAR

Title (de)  
HELM MIT KINNBÜGELKRAGEN

Title (fr)  
CASQUE AYANT UN COLLIER DE MENTONNIÈRE

Publication  
**EP 3364801 A4 20190703 (EN)**

Application  
**EP 16858447 A 20161024**

Priority  
• US 201562245775 P 20151023  
• US 201615331053 A 20161021  
• US 2016058496 W 20161024

Abstract (en)  
[origin: WO2017070685A1] A helmet comprising an outer shell and a chin bar collar is disclosed. The outer shell comprises an interior surface and an open front portion. The chin bar collar comprises a chin guard and a collar segment forming a continuous loop. The collar segment is coupled to the interior surface of the outer shell. A majority of the collar segment is positioned within an interior space of the outer shell, and a majority of the chin guard is positioned outside the interior space of the outer shell. The outer shell may include at least two coupling points, at least one on each side of the open front portion, coupling the chin bar collar to the outer shell. The helmet may include at least one bracket coupled to the interior surface of the outer shell. The chin bar collar may be releasably coupled to the interior surface of the outer shell.

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

CPC (source: EP US)  
**A42B 3/08** (2013.01 - US); **A42B 3/205** (2013.01 - US); **A42B 3/326** (2013.01 - EP US)

Citation (search report)  
• [A] US 4598430 A 19860708 - NAVA PIER L [IT]  
• [A] US 4573222 A 19860304 - ZAGO GIOVANNI [IT]  
• [A] US 4641382 A 19870210 - GESSALIN JEAN [FR]  
• [A] US 2015250255 A1 20150910 - ELLISON ERIN KYLE [US], et al  
• See references of WO 2017070685A1

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 2017070685 A1 20170427**; AU 2016342442 A1 20180510; CA 3001708 A1 20170427; CN 108135306 A 20180608;  
EP 3364801 A1 20180829; EP 3364801 A4 20190703; EP 3364801 B1 20200527; US 2017112227 A1 20170427

DOCDB simple family (application)  
**US 2016058496 W 20161024**; AU 2016342442 A 20161024; CA 3001708 A 20161024; CN 201680061909 A 20161024;  
EP 16858447 A 20161024; US 201615331053 A 20161021