

Title (en)  
BICYCLE HELMET FIT SYSTEM

Title (de)  
FAHRRADHELMPASSFORMSYSTEM

Title (fr)  
SYSTÈME D'AJUSTEMENT DE CASQUE DE BICYCLETTE

Publication  
**EP 3583862 A1 20191225 (EN)**

Application  
**EP 19176637 A 20190524**

Priority  
• US 201862686610 P 20180618  
• US 201916365596 A 20190326

Abstract (en)  
A helmet (10) for a head of a user with a liner with an outer shell (22) and an energy management layer (24) having an inner surface (40) and a lower edge (38) surrounding the inner surface at a helmet opening, at least two coupling points (48) located on the inner surface proximal to the lower edge, at least one flexible forehead strap (14) following the lower edge of the energy management layer and inwardly offset from the inner surface, and coupled to the inner surface at the coupling points, a continuous gap (16) between the inner surface and the flexible forehead strap extending around an entirety of the lower edge.

IPC 8 full level  
**A42B 3/06** (2006.01); **A42B 3/14** (2006.01); **A42B 3/28** (2006.01)

CPC (source: CN EP US)  
**A42B 3/066** (2013.01 - EP US); **A42B 3/08** (2013.01 - CN US); **A42B 3/14** (2013.01 - EP); **A42B 3/281** (2013.01 - EP);  
**A42B 3/283** (2013.01 - CN); **A42B 3/324** (2013.01 - US)

Citation (search report)  
• [X] US 2013263363 A1 20131010 - PIETRZAK CHRIS T [US]  
• [XI] US 2016316845 A1 20161103 - HALLDIN PETER [SE]  
• [A] US 2010050324 A1 20100304 - MUSAL MICHAEL J [US]

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 3583862 A1 20191225**; CN 110613202 A 20191227; CN 110613202 B 20220816; US 2019380418 A1 20191219

DOCDB simple family (application)  
**EP 19176637 A 20190524**; CN 201910407816 A 20190516; US 201916365596 A 20190326