

Title (en)  
FLEXIBLE HEADBAND WITH SELF-ADAPTIVE FUNCTIONS

Title (de)  
FLEXIBLES KOPFBAND MIT SELBSTANPASSENDEN FUNKTIONEN

Title (fr)  
BANDEAU SOUPLE AYANT DES FONCTIONS AUTO-ADAPTATIVES

Publication  
**EP 3193650 A1 20170726 (EN)**

Application  
**EP 15774773 A 20150915**

Priority  
• US 201462050796 P 20140916  
• US 2015050299 W 20150915

Abstract (en)  
[origin: WO2016044350A1] An improved headband (12) for a head safety product such as a face shield, hardhat (10) or welding helmet includes a horizontal section (14) configured to encircle the head and an adjustment mechanism (14a) configured to adjust a circumference of the horizontal section. A nape-belt section (16) depends from the horizontal section (14) and is configured to cup the occipital area of the head and has a pivotal movement relative to the horizontal section (14). A flexible section (20) is connected between the horizontal section (14) and the nape-belt section (16). The flexible section (20) spring-biasing the pivotal movement of the nape-belt section (16) relative to the horizontal section (14).

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

CPC (source: CN EP US)  
**A42B 3/085** (2013.01 - US); **A42B 3/14** (2013.01 - CN); **A42B 3/142** (2013.01 - EP US); **A42B 3/145** (2013.01 - US)

Citation (search report)  
See references of WO 2016044350A1

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**US 2015050299 W 20150915**; CN 201580062123 A 20150915; EP 15774773 A 20150915; US 201515511426 A 20150915