

Title (en)  
CYCLING HELMET WITH ROTATIONAL IMPACT ATTENUATION

Title (de)  
FAHRRADHELM MIT DREHSTOSSDÄMPFUNG

Title (fr)  
CASQUE DE CYCLISME AVEC ATTÉNUATION DES IMPACTS ROTATIFS

Publication  
**EP 3583863 B1 20210825 (EN)**

Application  
**EP 19179838 A 20190612**

Priority  
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• US 201916420652 A 20190523

Abstract (en)  
[origin: EP3583863A2] A helmet having an outer liner and an inner liner is disclosed. The inner liner is positioned at least partially inside the outer liner. The helmet includes at least one chin strap anchored to the outer liner and passing through an opening in the inner liner. The helmet further includes a plurality of return springs, each having a first end coupled to the outer liner, and a second end distal to the first end and coupled to the inner liner. The return springs bias the inner liner to a first position with respect to the outer liner. The inner liner is slidably coupled to the outer liner through the plurality of return springs and slidably movable relative to the outer liner between the first position and a second position where the inner liner and outer liner are rotated away from the first position.

IPC 8 full level  
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CPC (source: EP)  
**A42B 3/064** (2013.01); **A42B 3/066** (2013.01); **A42B 3/08** (2013.01)

Cited by  
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