

Title (en)  
HELMET SHEER LAYER

Title (de)  
HELMGLANZSCHICHT

Title (fr)  
COUCHE DE TISSU TRANSPARENT POUR CASQUE

Publication  
**EP 4340669 A1 20240327 (EN)**

Application  
**EP 22803508 A 20220518**

Priority  

- US 202117323397 A 20210518
- CA 3120169 A 20210528
- CA 2022050788 W 20220518

Abstract (en)  
[origin: WO2022241557A1] An apparatus and method for reducing tangential acceleration of a head with a helmet having a sheer release layer between the helmet and the head of the user. The release layer includes a low-friction surface against another surface such that the helmet shell acceleration does not translate to equal acceleration of the layer immediately adjacent to the head of the user. Coatings and materials are disclosed as well as padding and attachment materials and methods.

IPC 8 full level  
**A42B 3/10** (2006.01); **A42B 3/12** (2006.01)

CPC (source: EP)  
**A42B 3/064** (2013.01)

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KH MA MD TN

DOCDB simple family (publication)  
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