

Title (en)  
PROTECTIVE HELMET

Publication  
**EP 0183971 B1 19900418 (DE)**

Application  
**EP 85113619 A 19851025**

Priority  
DE 8432915 U 19841110

Abstract (en)  
[origin: EP0183971A1] 1. Protective helmet having a hard external shell (1), a shock-absorbing insert calotte (2) provided with a boss layer (4) of plastic applied to a shock-absorbing calotte body (3), the bosses (5) of said boss layer engaging the external shell (1) point-like and being destroyed when subjected to strong pressure, characterized in that the boss layer (4) consists of such a material that the shock-absorbing effect of the boss layer (4) subject to the strong pressure is only provided by a plastical deformation of the bosses (5).

IPC 1-7  
**A42B 3/00**

IPC 8 full level  
**A42B 3/00** (2006.01); **A42B 3/12** (2006.01)

CPC (source: EP)  
**A42B 3/124** (2013.01)

Cited by  
DE102009038763B4; US4996724A; US5269026A; US6536052B2; WO2009152795A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL

DOCDB simple family (publication)  
**EP 0183971 A1 19860611; EP 0183971 B1 19900418**; AT E52006 T1 19900515; DE 3577179 D1 19900523; DE 8432915 U1 19850207

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