

Title (en)
BICYCLE HELMET WITH VENTILATION PLATE

Title (de)
FAHRRADHELM MIT BELÜFTUNGSPLATTE

Title (fr)
CASQUE DE BICYCLETTE AVEC PLAQUE DE VENTILATION

Publication
EP 3498120 A1 20190619 (EN)

Application
EP 18211541 A 20181211

Priority
US 201762599565 P 20171215

Abstract (en)
A bicycle helmet (20) includes a front portion, a rear portion, an overall length, and an overall width. The bicycle helmet (20) includes a liner (22) having a plurality of vents (30, 32, 34) at the front portion of the bicycle helmet (20) and being impact-absorbing. The bicycle helmet (20) further includes a shell (24) over an outer surface of the liner (22) at the front portion of the bicycle helmet (20), and a plate (26) over the outer surface of the liner (22) at the rear portion of the bicycle helmet (20). The plate (26) is devoid of vents in a narrow region starting at approximately 45% to 65% of the overall length from a front of the bicycle helmet (20) and extending to a rear of the bicycle helmet (20). The narrow region is laterally centered on the bicycle helmet (20) and has a width of approximately 30% to 50% of the overall width.

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

CPC (source: CN EP US)
A42B 3/0493 (2013.01 - US); **A42B 3/06** (2013.01 - US); **A42B 3/066** (2013.01 - EP US); **A42B 3/28** (2013.01 - CN EP US);
A42B 3/283 (2013.01 - CN US)

Citation (search report)
• [XAI] US 2013340151 A1 20131226 - BRADLEY DUNCAN JAMES [GB], et al
• [A] EP 2071968 A2 20090624 - DAINESE SPA [IT]
• [A] US 6055675 A 20000502 - EGGER F ROBERT [US], et al

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)
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DOCDB simple family (application)
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