

Title (en)  
VEHICLE PROTECTION ADAPTER

Title (de)  
FAHRZEUGSCHUTZADAPTER

Title (fr)  
ADAPTATEUR DE PROTECTION DE VÉHICULE

Publication  
**EP 4240639 A1 20230913 (EN)**

Application  
**EP 21890174 A 20211105**

Priority  
• US 202017090819 A 20201105  
• US 2021058301 W 20211105

Abstract (en)  
[origin: WO2022099045A1] An adapter panel for establishing a horizontal return and optional mount for accessories to a vehicle without a horizontal return. The adapter panel substantially conforming to a portion of a vehicle. The adapter panel solidly mounted to the underside of a vehicle, forming a surface upon which accessories can be mounted, or, alternatively having a lower surface having a reduced surface area in order to limit force applied to the panel and the vehicle. Hie panel further having an edge portion disposed along a perimeter, between the upper and lower surface, optionally securing the panel to the vehicle and deflecting obstacles, and one or more mounting points for removably attaching the protection panel to a portion of the exterior of a vehicle.

IPC 8 full level  
**B62D 35/00** (2006.01); **B60R 21/00** (2006.01); **B60R 21/34** (2011.01); **B62D 35/02** (2006.01)

CPC (source: EP)  
**B62D 35/005** (2013.01); **Y02T 10/88** (2013.01)

Citation (search report)  
See references of WO 2022099045A1

Designated contracting state (EPC)  
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Designated extension state (EPC)  
BA ME

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**WO 2022099045 A1 20220512**; CA 3197628 A1 20220512; EP 4240639 A1 20230913

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**US 2021058301 W 20211105**; CA 3197628 A 20211105; EP 21890174 A 20211105