

Title (en)  
STRUCTURAL COMPONENT AND VEHICLE

Title (de)  
STRUKTURBAUTEIL UND FAHRZEUG

Title (fr)  
COMPOSANT STRUCTURAL ET VÉHICULE

Publication  
**EP 4323259 A1 20240221 (DE)**

Application  
**EP 22723356 A 20220413**

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Abstract (en)  
[origin: WO2022219081A1] The aim of the invention is to make it possible to increase the area provided for a drive unit, in particular a motor, while increasing or at least maintaining the cooling power in such a way that no visible adaptations of the outer vehicle geometry are required. This is achieved by a structural component (10) for a vehicle, having at least one structural element (1) which provides a shape, at least one closed coolant channel (2) for conducting a coolant fluid, and a coolant inlet and coolant outlet for connecting the coolant channel (3) to an external coolant circuit, wherein the structural element (1) and/or the coolant channel has at least regions that have a polymer through which carbon elements pass or consist of such a polymer.

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