

Title (en)  
Self-supporting hood for vehicles.

Title (de)  
Selbsttragende Haube für Fahrzeuge.

Title (fr)  
Capot autoportant pour véhicules.

Publication  
**EP 0497092 B1 19950329 (DE)**

Application  
**EP 92100121 A 19920107**

Priority  
DE 4102476 A 19910129

Abstract (en)  
[origin: EP0497092A1] 1. Self-supporting hood for vehicles. 2.1 Self-supporting hoods for vehicles, in particular for railway goods wagons which cover the loading space in conjunction with end walls and, if appropriate, a permanently arranged central gantry and in the closed position are located in a plane, have the disadvantage that the rigidity of the walls, principally when subjected to alternating pressure loads such as occur in railways at high speeds in a tunnel, in particular when trains pass, is not sufficient. 2.2 Self-supporting hoods for vehicles, in particular railway goods wagons, are to be designed in such a way that they withstand high alternating pressure loads and windforces and, if appropriate, serve as a means of securing freight and in their closed position serve as a component which is integrated into the wagon body and has a supporting function. The self-supporting hoods are characterised in that each hood half (4a, b) is composed of a hood frame (11, 12, 13) made of metal profiles and flange elements (14) which are then inserted. 2.3 The hoods according to the invention are preferably used for railway goods wagons. 3.1 Fig. 2 serves to clarify the invention.

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**B61D 39/00**

IPC 8 full level  
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**B61D 39/002** (2013.01)

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