

Title (en)  
Roof of a railway wagon.

Title (de)  
Dach für einen Güterbahnwagen.

Title (fr)  
Toit pour wagon ferroviaire.

Publication  
**EP 0461448 B1 19940713 (EN)**

Application  
**EP 91108526 A 19910525**

Priority  
FI 903033 A 19900615

Abstract (en)  
[origin: EP0461448A1] Semi-fixed roof structure for a vehicle transport wagon in which the roof (2) may at least partly be lifted upwards in order to obtain space to pass and arrange ventilation during loading and unloading of the wagon. The uniform roof (2) is at least at one of its edges (12a) in the longitudinal direction of the wagon pivoted to the upper edge (11a) of the wagon's first wall structure to be turned around a horizontal axis line (13) and at its opposite other edge (12b) through joints (14) connected with the vertically displaced members (3a, 3b) by the help of an actuator in order to lift said edge (12b) of the roof and thus to incline the roof around said pivoting.

IPC 1-7  
**B61D 39/00**; **B61D 3/18**

IPC 8 full level  
**B61D 3/18** (2006.01); **B61D 39/00** (2006.01)

CPC (source: EP)  
**B61D 3/182** (2013.01); **B61D 39/001** (2013.01)

Cited by  
US6626619B1; WO0160679A3; WO02076803A1; WO0032457A1

Designated contracting state (EPC)  
CH DE ES FR GB IT LI SE

DOCDB simple family (publication)  
**EP 0461448 A1 19911218**; **EP 0461448 B1 19940713**; DE 69102827 D1 19940818; DE 69102827 T2 19941110; ES 2060243 T3 19941116; FI 85570 B 19920131; FI 85570 C 19920511; FI 903033 A0 19900615; FI 903033 A 19911216

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