

Title (en)  
RESTRAINT SYSTEM FOR SLEEPING COACHES

Title (de)  
RÜCKHALTESYSTEM FÜR NACHTREISEBUSSE

Title (fr)  
SYSTEME DE RETENUE POUR WAGONS-LITS

Publication  
**EP 1794024 A1 20070613 (EN)**

Application  
**EP 05784229 A 20050921**

Priority  
• DK 2005000600 W 20050921  
• DK PA200401431 A 20040921

Abstract (en)  
[origin: WO2006032280A1] A retainer 1 for seats and couchettes in coaches, and which are made as a frame construction 3 which is anchored to the coach floor 4. Retainer 1 is constituted by one of the seats 19 independently and thereby by itself and securely anchored frame construction 3 for use at seats and couchettes 21, 22 in coaches. The frame construction 3 includes two A-shaped gables, which are anchored at the bottom to each their longitudinal rail 11, and which are joined 26 at the top, particularly joined by welding. The A-shaped gables are interconnected with at least one cross member 30. Hereby is achieved an independent and securely anchored retainer (1) for use in connection with seats and couchettes 21, 22 in a coach, serving as fixed anchoring point for retaining means such as safety belts 17 for sitting or lying passengers. The construction may transfer the required forces according to current legislation from an elevated couchette 22 and to the already approved fastening or securing elements 10 in the wall and floor 4 of the coach.

IPC 8 full level  
**B60N 2/34** (2006.01); **B60R 22/00** (2006.01); **B60R 22/18** (2006.01); **B60R 22/22** (2006.01)

CPC (source: EP)  
**B60N 2/34** (2013.01); **B60R 22/18** (2013.01); **B60R 22/26** (2013.01); **B60R 22/34** (2013.01); **B60R 2021/0067** (2013.01); **B60R 2022/028** (2013.01)

Citation (search report)  
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