

Title (en)  
AMBULANCE COT LOCK

Title (de)  
HALTEVORRICHTUNG FÜR EINE TRANSPORTLIEGE

Title (fr)  
MECANISME DE VERROUILLAGE POUR CIVIERE D'AMBULANCE

Publication  
**EP 1328231 B1 20070117 (EN)**

Application  
**EP 00976818 A 20001027**

Priority  
US 0030204 W 20001027

Abstract (en)  
[origin: WO0234192A1] An ambulance cot frame securing system for a patient transport vehicle which includes a floor frame adapted to be secured to a floor of the patient transport vehicle. The floor frame has at a first end thereof a fixed angled restraint inclined upwardly and in a direction toward a second end of the floor frame to define an overhang spaced upwardly from the floor frame so as to provide a gap into which is adapted to be received a first part of the cot frame. The floor frame additionally has a releasable latch mechanism adapted to be releasably coupled to a second part of the cot frame so as to hold the cot frame in a fixed lengthwise location relative to the floor frame. The securement system additionally has a self-activating locking mechanism activatable in response to a sudden burst of either acceleration or deceleration of the patient transport vehicle to additionally securely lock the first part of the cot frame in a fixed position relative to the patient transport vehicle.

IPC 8 full level  
**A61G 3/08** (2006.01); **A61G 1/06** (2006.01); **A61G 3/00** (2006.01)

CPC (source: EP)  
**A61G 1/06** (2013.01); **A61G 3/0891** (2013.01)

Cited by  
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DOCDB simple family (publication)  
**WO 0234192 A1 20020502**; AU 1454101 A 20020506; AU 2001214541 B2 20050901; DE 60033064 D1 20070308; DE 60033064 T2 20071115; EP 1328231 A1 20030723; EP 1328231 B1 20070117

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