

Title (en)  
LOAD ANCHORING SYSTEM

Title (de)  
LASTVERANKERUNGSSYSTEM

Title (fr)  
SYSTÈME D'ANCRAGE DE CHARGE

Publication  
**EP 4088983 A1 20221116 (EN)**

Application  
**EP 22172661 A 20220510**

Priority  
ES 202130948 U 20210510

Abstract (en)  
The present invention relates to a load anchoring system (G) for anchoring to a frame (B) of a container flat wagon (WG), the frame (B) being provided with two lateral wings (W) and two anchoring projections (T1, T2) that define between the two a straight line with a transverse direction (T) and arranged adjacent to each of the external edges (WE), the load (G) being provided with four anchoring corner pieces (C1, C2, C3, C4), two of the corner pieces (C1, C2) being engaged in the anchoring projections (T1, T2), and comprising two anchoring assemblies (1) of the other two corner pieces (C3, C4), provided with a clamping piece (2) made up of two plates (21, 22) that form a right angle to each other, such that a first (21) of these plates (21, 22) is facing a vertical face of the corner piece (C3, C4) and a second (22) to the downward facing face of the external edge (WE) of the lateral wing (W).

IPC 8 full level  
**B61D 45/00** (2006.01)

CPC (source: EP)  
**B61D 45/007** (2013.01)

Citation (search report)

- [YA] EP 2837542 A1 20150218 - WANEK-PUSSET PETER [AT], et al
- [YA] NL 7306087 A 19731106
- [A] US 5749686 A 19980512 - BUTCHER RONALD S [CA], et al
- [A] DE 29802304 U1 19980430 - ELZE WAGGONBAU GMBH & CO KG [DE]
- [A] CN 202657041 U 20130109 - CSR ERQI CO LTD
- [A] CN 111361587 A 20200703 - CRRRC QIQIHAR ROLLING STOCK CO LTD, et al

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