

Title (en)
A DETACHABLE RIGID JOINT

Publication
EP 0344667 B1 19921223 (EN)

Application
EP 89109601 A 19890527

Priority
FI 882563 A 19880531

Abstract (en)
[origin: EP0344667A2] The invention relates to an arrangement in a transport carrier for locking to each other for the duration of transport a fixed, loadbearing structural element (5) and a structural element (4), also loadbearing, which can be moved to the side for the duration of loading and unloading, in such a manner that a clearance-free rigid joint is formed between these elements. An end of the movable element (4) is connected to the fixed element (5) by using a wedged joint combination (6) in which the wedge surfaces of a protrusion (11) and a groove (12) form in the direction of the closing movement (A) inclined planes approximately parallel to each other, in which case the elements tightened to each other are locked in place by using a single-arm lever (20), the fulcrum (26) of which is in one element and the bearing point (27) or its tightening force (B sec) is against the other element.

IPC 1-7
B61D 3/18; **B61D 3/20**; **B61D 47/00**

IPC 8 full level
B61D 3/18 (2006.01); **B61D 3/20** (2006.01); **B61D 47/00** (2006.01)

CPC (source: EP)
B61D 3/187 (2013.01); **B61D 3/20** (2013.01); **B61D 47/00** (2013.01)

Cited by
DE4304635A1; DE4136055A1; WO0128837A1

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

DOCDB simple family (publication)
EP 0344667 A2 19891206; **EP 0344667 A3 19900711**; **EP 0344667 B1 19921223**; DE 68903996 D1 19930204; DE 68903996 T2 19930429; ES 2032741 T1 19930301; ES 2032741 T3 19930516; FI 79493 B 19890929; FI 79493 C 19900110; FI 882563 A0 19880531

DOCDB simple family (application)
EP 89109601 A 19890527; DE 68903996 T 19890527; ES 89109601 T 19890527; FI 882563 A 19880531