

Title (en)  
Spreader assembly and positioning means

Title (de)  
Spreizer Vorrichtung und Positionierung Mitteln

Title (fr)  
Ensemble palonniers et moyens de positionnement

Publication  
**EP 1857401 A1 20071121 (EN)**

Application  
**EP 06114214 A 20060519**

Priority  
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Abstract (en)  
The invention refers to a positioning means in a spreader assembly, the positioning means comprising an articulated arm (8), a first end (12) of which is connected to a primary spreader frame (2) and a second end (13) of which is selectively connectable to a secondary spreader frame (3), wherein the first and second arm ends connect pivotally in horizontal planes of the associated spreader frames as well as in vertical planes intersecting a longitudinal axis of each primary and secondary spreader frames. According to the invention, the second arm end (13) is selectively connectable and non-connectable, respectively, to a seat (30) mounted on the secondary spreader frame (2), the seat having an insert or connecting end facing upwards from the spreader frame, and the second arm end carrying means mating with the seat in result of a driven and remotely controlled, vertical or substantially vertical downward movement of the second arm end upon connection.

IPC 8 full level  
**B66C 1/66** (2006.01)

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**B66C 1/104** (2013.01); **B66C 1/663** (2013.01)

Citation (applicant)  
US 2006043748 A1 20060302 - STINIS CORNELIS [NL], et al

Citation (search report)  
• [A] US 2006043748 A1 20060302 - STINIS CORNELIS [NL], et al  
• [A] WO 2005090223 A1 20050929 - NSL ENGINEERING PTE LTD [SG], et al  
• [A] US 4370079 A 19830125 - PIZZIRANI CESARE [IT]

Cited by  
EP2505485A1; EP2128073A1; EP2062843A1; ITMO20080195A1; WO2010007514A3; WO2014039009A1

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