

Title (en)

SPREADER COMPRISING A DEVICE FOR COMPENSATING THE CENTRE OF GRAVITY

Publication

**EP 0091977 B1 19850918 (DE)**

Application

**EP 82103290 A 19820420**

Priority

EP 82103290 A 19820420

Abstract (en)

[origin: EP0091977A1] 1. Spreader, preferably for loading containers in and/or out of ships, comprising a spreader frame and a suspension derrick which is displaceable on the frame by means of a piston-and-cylinder construction, characterized by a piston-and-cylinder arrangement (6), one end of which is secured to the displaceable derrick (2) and the other end of which is secured to a displaceable cross-beam (7), each end of which is provided with an additional piston-and-cylinder arrangement (8 ; 9), the other end of each said additional arrangement being secured to the spreader frame (5).

IPC 1-7

**B66C 1/10**

IPC 8 full level

**B66C 1/10** (2006.01)

CPC (source: EP)

**B66C 1/101** (2013.01)

Cited by

CN113697664A; DE4236345A1; EP0805119A1; DE3432539A1; EP0173920A1; US6565307B1; WO9110614A1

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