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

Designated contracting state (EPC)

BE DE FR GB IT LU NL SE

DOCDB simple family (publication)

EP 0091977 A1 19831026; EP 0091977 B1 19850918; DE 3266310 D1 19851024

DOCDB simple family (application)

EP 82103290 Á 19820420; DE 3266310 T 19820420