

Title (en)
Load control device for a crane

Title (de)
Laststeuersystem für Kran

Title (fr)
Dispositif de controle de charge pour une grue

Publication
EP 1894881 A2 20080305 (EN)

Application
EP 06120670 A 20060914

Priority
US 51150206 A 20060829

Abstract (en)
A control device and system for controlling a suspended load of a container crane with a trolley (21), a spreader (15) and load lines arranged in a four point suspension (4a-4d) for lifting a load and an optical sensor (5) for sensing a deflection position of an orthogonal axis (X,Y,V) of a container (20) suspended under the spreader. Two or more actuators (16-19) are arranged attached to at least one load for moving at least one said suspension point closer to or farther away from an imaginary centre line (X L , Y W , V H) by shortening and/or lengthening the at least one load line.

IPC 8 full level
B66C 13/08 (2006.01); **B66C 1/66** (2006.01); **B66C 13/46** (2006.01)

CPC (source: EP)
B66C 1/663 (2013.01); **B66C 13/08** (2013.01); **B66C 13/46** (2013.01)

Cited by
WO2019245361A1; CN108928739A; CN106477457A; CN104661949A; EP4086129A4; EP2692678A1; CN103693551A; CN105858487A; NL2021143B1; CN103781717A; EP2734466A4; AU2012285632B2; US11718510B2; US9909864B2; US9796563B2; US9764931B2; WO2013011200A1; WO2014039009A1; WO2008074882A1; US8267264B2

Designated contracting state (EPC)
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Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
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