

Title (en)

Construction machine having jib lifting means

Title (de)

Baumaschine mit Mitteln zum Heben des Auslegers

Title (fr)

Engin de chantier comportant un moyen de levage du mât

Publication

**EP 1405953 A1 20040407 (FR)**

Application

**EP 03292418 A 20031001**

Priority

FR 0212172 A 20021002

Abstract (en)

The machine on wheels has a chassis (1) carrying a mast (2). The mast can be raised and lowered by means of a base (4) constituted from two parallel clevises by which the base is fixed to the chassis, the base top carrying the mast pivoting spindle (3). An L-shaped connecting rod (5) has its concavity turned towards the mast and articulated (56) to a first actuator (6). A second actuator (7) connects the base to the connecting rod. The end (51) of one connecting rod branch (52) is connected to the mast pivoting spindle and the other end is connected to the second actuator.

Abstract (fr)

Engin de chantier comportant des moyens de roulement avec un châssis (ensemble pivotant) (1) portant un mât (2), muni d'un outil, par un moyen de liaison et de pivotement pour relever et abaisser le mât (2) autour d'un axe (3), avec des vérins (6, 7). Le moyen de liaison et de pivotement du mât comprend une embase (4) reliée au châssis (1) et portant l'axe de pivotement (3) du mât. Une bielle (5) est montée pivotante sur l'embase (4). Un premier vérin (6) relie la bielle (5) au mât (2) et un second vérin (7) reliant l'embase (4) à la bielle (5). <IMAGE>

IPC 1-7

**E02F 3/30**

IPC 8 full level

**E02F 3/30** (2006.01); **E02F 3/42** (2006.01)

CPC (source: EP)

**E02F 3/30** (2013.01)

Citation (search report)

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- [A] PATENT ABSTRACTS OF JAPAN vol. 011, no. 082 (M - 571) 12 March 1987 (1987-03-12)

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