

Title (en)

Uncoiling device for an extension jib of a mobile crane

Title (de)

Abwinklunsvorrichtung für eine Auslegerverlängerung eines Mobilkrans

Title (fr)

Dispositif de déroulement pour une flèche de grue mobile

Publication

EP 1477451 B1 20070228 (DE)

Application

EP 04006222 A 20040316

Priority

DE 10321493 A 20030513

Abstract (en)

[origin: EP1477451A2] The flexible bending joint (9) for the jib of a mobile crane has a hinge (8) at the top of the lattice frame sections for the inner and outer parts of the jib. The lower parts of the two lattice frame sections are connected together by a telescopic hydraulic actuator (7). The ends of the actuator are hinged (1,1') to the bottom stringers of the inner and outer parts of the crane jib. The actuator has a tubular piston (7b) which slides telescopically inside a cylinder (7a). There are bores with a transverse bolt in the cylinder.

IPC 8 full level

B66C 23/42 (2006.01); **B66C 23/70** (2006.01)

CPC (source: EP US)

B66C 23/702 (2013.01 - EP US)

Cited by

DE202008015659U1; US8414214B2; WO2009033198A1; WO2018036181A1; WO2009026870A1; EP2253576A1; DE102009022262A1; US8640896B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

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