

Title (en)

Side bracing for a grid extension of a crane

Title (de)

Seitliche Abspannung für einen Gitterausleger eines Kranes

Title (fr)

Haubanage latéral pour un bras à grille d'une grue

Publication

**EP 2067737 B1 20111109 (DE)**

Application

**EP 08017234 A 20080930**

Priority

DE 102007058553 A 20071205

Abstract (en)

[origin: EP2067737A1] The bracing has a set of supporting elements (7) arranged laterally on a lattice boom (1) of a crane, and connection elements connecting the supporting elements with each other in a longitudinal direction of the boom. A clamping unit (14) i.e. hydraulic cylinder, introduces a tensile stress into the connection elements. The supporting elements are removably connected with sides of the lattice boom. The supporting elements have three longitudinal rods (3) in the form of a triangle whose base side is bolted laterally with the boom and leading edges are connected with the connection elements. Independent claims are also included for the following: (1) a connecting piece for connecting a bolt with a lateral bracing (2) a crane (3) a method for operating a crane (4) a crane control software stored on a data carrier or a data storage for performing a method for operating a crane.

IPC 8 full level

**B66C 23/82** (2006.01); **B66C 23/64** (2006.01)

CPC (source: EP)

**B66C 23/64** (2013.01); **B66C 23/82** (2013.01); **B66C 23/825** (2013.01)

Cited by

JP2011219273A; CN102267671A; CN103663190A; EP2308792A1; CN102234074A; CN102259800A; ES2397325A1; EP2738134A4; US9290364B2; WO2013014302A1; JP2010208807A

Designated contracting state (EPC)

DE FR IT NL

DOCDB simple family (publication)

**EP 2067737 A1 20090610; EP 2067737 B1 20111109; DE 102007058553 A1 20090625**

DOCDB simple family (application)

**EP 08017234 A 20080930; DE 102007058553 A 20071205**