

Title (en)

Crane boom for container transport and transport device for the parts of the crane boom

Title (de)

Kransausleger zum Transport als Containerfracht sowie Transportvorrichtung zum Transport der Auslegerstücke eines solchen Kranauslegers

Title (fr)

Flèche de grue pour le transport avec un container et un moyen de transport pour les composants de la flèche de grue

Publication

**EP 1634846 B1 20091216 (DE)**

Application

**EP 05019844 A 20050912**

Priority

DE 102004044182 A 20040913

Abstract (en)

[origin: EP1634846A2] The crane jib (1) is assembled from several sections (2-7) which on the respective ends have coupling pieces (8) for the joining together of the jib sections. The jib sections have at least one lower boom (9,13) and are fitted together in such a way that the lower booms form a continuous running track for a crane trolley. The jib sections have a different cross section so that the sections for the purpose of transporting can slide into one another and in that state are transportable as container freight. Independent claims are also included for the following: (A) a transporting device for the transporting of jib sections of a crane jib which has a pair of transporting frames which on one side have connecting elements for the connecting to end face coupling pieces of a jib section, and on the other side have container connecting pieces compatible for standard containers; and (B) a container unit consisting of a crane jib, whereby the transporting frames are mounted on at least one jib section, and preferably on two adjacent jib sections.

IPC 8 full level

**B66C 23/28** (2006.01); **B66C 23/34** (2006.01); **B66C 23/64** (2006.01)

CPC (source: EP US)

**B66C 23/70** (2013.01 - EP US)

Cited by

CN103754504A; CN113562638A; US11945700B2; US11396444B2; WO2020063007A1; WO2014048516A1; DE102020134714B4; US11884521B2

Designated contracting state (EPC)

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**EP 1634846 A2 20060315**; **EP 1634846 A3 20061115**; **EP 1634846 B1 20091216**; AT E452104 T1 20100115; DE 102004044182 A1 20060330; DE 102004044182 B4 20070524; DE 502005008699 D1 20100128; ES 2338240 T3 20100505; US 2006118506 A1 20060608; US 7422123 B2 20080909

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