

Title (en)

FOLDING MAST WITH MAST SEGMENTS AND METHOD FOR MANUFACTURING SAME

Title (de)

KNICKMAST MIT MASTSEGMENTEN UND VERFAHREN ZUR HERSTELLUNG EINES MASTSEGMENTES

Title (fr)

MÂT ARTICULÉ DOTÉ DE SEGMENTS DE MÂT ET PROCÉDÉ DE FABRICATION D'UN SEGMENT DE MÂT

Publication

EP 3715557 B1 20240710 (DE)

Application

EP 20164330 A 20200319

Priority

DE 102019107456 A 20190322

Abstract (en)

[origin: US2020298298A1] An articulated boom of a large manipulator includes a plurality of boom segments connected to one another via articulated joints. At least one of the boom segments has a welded assembly forming a box profile in which an upper belt and a lower belt are connected to one another via lateral web plates. At least one of the web plates, the upper belt, and/or the lower belt is formed at least by one sheet metal section, which has at least one bending running essentially in a longitudinal direction of the boom segment. The at least one bending ends at a distance from an end of the sheet metal section so that the end of the sheet metal section is unbent.

IPC 8 full level

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CPC (source: EP KR US)

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