

Title (en)
DOUBLE-WALLED BOOM SEGMENT

Title (de)
DOPPELWANDIGES MASTSEGMENT

Title (fr)
SEGMENT DE POTEAU À DOUBLE PAROI

Publication
EP 3697982 B1 20240522 (DE)

Application
EP 18799678 A 20181018

Priority
• DE 102017124505 A 20171020
• EP 2018078547 W 20181018

Abstract (en)
[origin: WO2019077042A1] The invention relates to a boom segment (1) having a top flange (2), a bottom flange (3) and two lateral web plates (4, 5), wherein the web plates (4, 5), together with the top flange (2), the bottom flange (3) and reinforcement plates (7, 8) spaced laterally from the web plates (4, 5), each form strengthening boxes (9, 10) located laterally on the boom. The invention further relates to an articulated boom (50) having a boom segment (1) of this kind and to a large manipulator (100) having an articulated boom (50) of this kind.

IPC 8 full level
E04G 21/04 (2006.01); **B66C 23/00** (2006.01); **B66C 23/68** (2006.01)

CPC (source: EP)
B66C 23/64 (2013.01); **E04G 21/0436** (2013.01); **E04G 21/0445** (2013.01)

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2019077042 A1 20190425; DE 102017124505 A1 20190425; EP 3697982 A1 20200826; EP 3697982 B1 20240522

DOCDB simple family (application)
EP 2018078547 W 20181018; DE 102017124505 A 20171020; EP 18799678 A 20181018