

Title (en)

BOOM FOR A WORKING MACHINE AND METHOD FOR PRODUCING SAME

Title (de)

MAST FÜR EINE ARBEITSMASCHINE UND VERFAHREN ZU DESSEN HERSTELLUNG

Title (fr)

MÂT POUR MACHINE DE TRAVAIL ET SON PROCÉDÉ DE FABRICATION

Publication

**EP 3224430 B1 20180912 (DE)**

Application

**EP 15800864 A 20151126**

Priority

- DE 102014224462 A 20141128
- EP 2015077764 W 20151126

Abstract (en)

[origin: WO2016083502A1] The invention relates to a boom for a working machine, in particular a concrete-distributing boom (14) for guiding a concrete delivery line (22), with a plurality of boom arms (16) which can be moved into a working position and which are composed at least partially as a box construction of a plurality of side walls (42,44) delimiting a cavity region (34), and with a sealing bulkhead arrangement (38) for sealing a cross section of the cavity region (34), wherein the sealing bulkhead arrangement (38) has a bulkhead wall (40) provided peripherally with an at least partially encircling sealing groove (50), and wherein the sealing groove (50) has arranged therein an elastic seal (48) which bears tightly on the inside against the adjoining side walls (42,44).

IPC 8 full level

**E04G 21/04** (2006.01); **B66C 23/64** (2006.01); **E02F 3/38** (2006.01)

CPC (source: EP KR US)

**B66C 23/54** (2013.01 - EP KR US); **B66C 23/64** (2013.01 - EP KR US); **E04G 21/0436** (2013.01 - EP KR US);  
**E04G 21/0445** (2013.01 - EP KR US); **E02F 3/382** (2013.01 - EP US)

Cited by

WO2021179546A1; WO2021179547A1

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)

**DE 102014224462 A1 20160602**; EP 3224430 A1 20171004; EP 3224430 B1 20180912; KR 20170088878 A 20170802;  
US 10100540 B2 20181016; US 2017260761 A1 20170914; WO 2016083502 A1 20160602

DOCDB simple family (application)

**DE 102014224462 A 20141128**; EP 15800864 A 20151126; EP 2015077764 W 20151126; KR 20177015684 A 20151126;  
US 201715605726 A 20170525