

Title (en)

TELESCOPIC ARM FOR OPERATING MACHINES

Title (de)

TELESKOPPAUSLEGER FÜR ARBEITSMASCHINEN

Title (fr)

BRAS TÉLESCOPIQUE POUR ACTIONNER DES MACHINES

Publication

EP 3174821 B1 20180509 (EN)

Application

EP 15762701 A 20150721

Priority

- IT MO20140222 A 20140730
- IB 2015001214 W 20150721

Abstract (en)

[origin: WO2016016700A1] A telescopic arm (1) for operating machine, equipped at the end of its last extension, with an operative head (3) provided with a hydraulic supply, comprises: a coaxial extensible sliding base element (500), which is coupled to the external base element (2) and to which a first said extensible sliding element (100) is connected, wherein these elements can be extracted consecutively from one another in the axial direction; with a second extensible sliding element (200), a third extensible sliding element (300) and a fourth extensible sliding element (400) coupled in succession to said first extensible sliding element (100); there being provided a first hydraulic actuator (11), placed externally with respect to the telescopic arm (1) and operating between the outer base element (2) and the coaxial extensible sliding base element (500), and a second hydraulic actuator (12) operating between the coaxial extensible sliding base element (500) and the first extensible sliding element (100); said extensible sliding elements, not driven directly by said first and second hydraulic actuators (11) and (12), being driven by cable transmission means, which are operated as a result of the synchronous and proportional strokes, imposed to the related extensible sliding elements by said hydraulic actuators (11) and (12), during extension and retraction.

IPC 8 full level

B66C 23/70 (2006.01)

CPC (source: EP)

B66C 23/705 (2013.01)

Cited by

CN110255399A

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 2016016700 A1 20160204; EP 3174821 A1 20170607; EP 3174821 B1 20180509; ES 2679193 T3 20180822

DOCDB simple family (application)

IB 2015001214 W 20150721; EP 15762701 A 20150721; ES 15762701 T 20150721