

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

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- 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

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CPC (source: EP)

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