

Title (en)

WORKING DEVICE WITH STATIONARY MAST AND ROTARY HEAD

Title (de)

ARBEITSGERÄT MIT STATIONÄRMAST UND DREHKOPF

Title (fr)

MACHINE DE TRAVAIL COMPORTANT UN MÂT STATIONNAIRE ET UNE TÊTE ROTATIVE

Publication

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Application

**EP 14701052 A 20140121**

Priority

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Abstract (en)

[origin: WO2014135297A1] The invention relates to a working device with a base (10) designed as a stationary support column, a motor-driven rotary head (32) and a stack of arms (34) consisting of several mast arms (1, 2, 3, 4) which can be moved with respect to each other in pairs, by means of articulated or sliding joints, supporting a concrete transport line. Said stack of arms (34) is articulated on the rotary head (32) about a horizontal rotational axis (30) by means of a first mast arm (1). The working device also comprises a control mechanism (90) which can be actuated by a control element or a radio path and which is arranged in a control box (92), and a hydraulic assembly (84) comprising an oil tank (86) and a motor-driven hydraulic pump (88) for controlling working groups for moving the rotary head and mast arm. A working platform (78) fixed with respect to the base is arranged in the region of the bearing block (35) for emergency operations. In order to ensure that the components required for actuating the stack of arms (34) are not in the way of the engine in the event of an emergency operation, the control box (92) with the control mechanism (90) and the hydraulic assembly (84) with the oil tank (86) and hydraulic pump (88) are arranged on the rotary head (32) above the bearing block (35).

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

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