

Title (en)

METHOD AND SYSTEM FOR THE HYDRAULIC CONTROL OF A CONCRETE PLACING BOOM

Title (de)

VERFAHREN UND SYSTEM ZUR HYDRAULISCHEN STEUERUNG EINES BETONVERTEILERMASTS

Title (fr)

PROCÉDÉ ET SYSTÈME DE COMMANDE HYDRAULIQUE D'UN MÂT DISTRIBUTEUR DE BÉTON

Publication

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Application

EP 19720818 A 20190424

Priority

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Abstract (en)

[origin: WO2019206988A1] The invention relates to a method and a system for the hydraulic control of a concrete placing boom (14) comprising a plurality of boom arms (16), wherein hydraulic drive cylinders (18) for the boom arms (16), which are connected to one another in an articulated manner, are controlled by a hydraulic circuit (34), wherein a supply pressure is supplied via a hydraulic pump (32) to the hydraulic circuit (34), and wherein a pressure signal is captured in the drive cylinders (18) by at least one pressure sensor (38) in each case. According to the invention, the maximum pressure in the drive cylinders (18) is determined from the pressure signals and the supply pressure is adjusted by an electronic control unit (36) according to the maximum pressure.

IPC 8 full level

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Citation (search report)

See references of WO 2019206988A1

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