

Title (en)
Mobile hydraulic system

Title (de)
Mobiles Hydrauliksystem

Title (fr)
Système hydraulique mobile

Publication
EP 0694700 A1 19960131 (DE)

Application
EP 95111762 A 19950726

Priority
DE 9412147 U 19940727

Abstract (en)
The hydraulic system has a hydraulic pump (1) driven by a battery-operated electric motor (3) and supplied from a hydraulic reservoir (10). The battery (2), the drive motor, the pump and the hydraulic reservoir are all contained in a compact portable module (A), with the pump coupled via a hydraulic line (4) to an interchangeable hydraulic tool. Pref. the remaining battery charge is indicated by a display (13) incorporated in the outside of the portable module, with a protection circuit (14) for electrical protection of the electric motor. An electric switch, associated with the hydraulic tool for switching the electric motor, is pref. coupled to module via an electrical line incorporated in the hydraulic line. <IMAGE>

Abstract (de)
Offenbart wird ein mobiles Hydrauliksystem mit einer Hydraulikpumpe (1), die durch einen an eine Batterie (2) angeschlossenen Motor (3) antreibbar ist und aus einem Hydraulikspeicher (10) gespeist wird, wobei die Hydraulikpumpe (1), die Batterie (2), der Motor (3) und der Hydraulikspeicher (10) ein kompaktes, portables Hydraulikaggregat (A) bilden, an das ein vom Hydraulikaggregat (A) getrenntes, austauschbares Arbeitsgerät über eine hydraulische Verbindungsleitung (4) der Hydraulikpumpe (1) anschließbar ist. <IMAGE>

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IPC 8 full level
F15B 1/02 (2006.01)

CPC (source: EP US)
F15B 1/02 (2013.01 - EP US)

Citation (search report)

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