

Title (en)

Electrohydraulic power supply system for a mobile working machine, in particular for an elevating work system having an aerial platform

Title (de)

Elektrohydraulisches Versorgungssystem für mobile Arbeitsmaschine, insbesondere mobile Arbeitsbühne

Title (fr)

Système d'alimentation électro-hydraulique pour machine de travail mobile, en particulier nacelle élévatrice

Publication

EP 2974997 B1 20190529 (EN)

Application

EP 14425097 A 20140717

Priority

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Abstract (en)

[origin: EP2974997A1] A power supply system (10) for a mobile working machine is described, comprising at least one electric motor (12) and an hydraulic pump (13). Conveniently, the electric motor (12) is a bidirectional element having an electric motor function or a power generator function and the hydraulic pump (13) is a bidirectional element having an hydraulic pump function or an hydraulic motor function, depending on the working conditions of the system as a whole, those bidirectional elements being driven by an electronic controller (11) connected to the electric motor (12) as well as to at least one electric power input terminal (INel) and an electric power output terminal (OUTel).

IPC 8 full level

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CPC (source: EP)

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