

Title (en)
Modular system allowing a free choice for the control of hydraulic elements

Title (de)
Modulsystem zur wahlfreien Ansteuerung von Hydraulikelementen

Title (fr)
Système modulaire permettant un libre choix pour le contrôle d'éléments hydrauliques

Publication
EP 1780422 A3 20080123 (DE)

Application
EP 06122932 A 20061025

Priority
DE 102005051363 A 20051025

Abstract (en)
[origin: EP1780422A2] The system has modules (11, 12, 13, 14, 15), each with a hydraulic input, a hydraulic output for work cylinders, and a seated valve for pressurization of hydraulic output. Each valve locks the respective output in a non excitation state in a sealed manner, and control units (18, 22, 25, 28, 34) are assigned to the modules to optionally control the valves. The control units are programmable, and maintenance and/or setting software are provided for programming the control units by a computer. A signal transmitting unit is provided for transmitting control signals and/or sensor signals.

IPC 8 full level
B25B 5/06 (2006.01); **F15B 11/028** (2006.01); **F15B 13/00** (2006.01)

CPC (source: EP)
B25B 5/061 (2013.01); **F15B 11/028** (2013.01); **F15B 13/0817** (2013.01); **F15B 13/0825** (2013.01); **F15B 13/0839** (2013.01); **F15B 13/086** (2013.01); **F15B 13/0867** (2013.01); **F15B 13/0882** (2013.01); **F15B 2211/20538** (2013.01); **F15B 2211/30505** (2013.01); **F15B 2211/30525** (2013.01); **F15B 2211/3056** (2013.01); **F15B 2211/3111** (2013.01); **F15B 2211/327** (2013.01); **F15B 2211/40507** (2013.01); **F15B 2211/41509** (2013.01); **F15B 2211/426** (2013.01); **F15B 2211/50518** (2013.01); **F15B 2211/5151** (2013.01); **F15B 2211/55** (2013.01); **F15B 2211/615** (2013.01); **F15B 2211/6309** (2013.01); **F15B 2211/6313** (2013.01); **F15B 2211/7052** (2013.01); **F15B 2211/7053** (2013.01); **F15B 2211/71** (2013.01); **F15B 2211/7716** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
EP 1780422 A2 20070502; **EP 1780422 A3 20080123**; **EP 1780422 B1 20121024**; DE 102005051363 A1 20070426

DOCDB simple family (application)
EP 06122932 A 20061025; DE 102005051363 A 20051025