

Title (en)
Modular system for hydraulic elements

Title (de)
Modulsystem für Hydraulikelemente

Title (fr)
Système modulaire pour des éléments hydrauliques

Publication
EP 1154163 B1 20051214 (DE)

Application
EP 01111539 A 20010511

Priority
DE 10023216 A 20000512

Abstract (en)
[origin: EP1154163A2] Each module consists of a board (2) with connection valve (3), pressure control valve (4), and several internal channels for selective use as working or passage channels. Several modules are combined into a unit, and their channels are connected to each other, so that the associated connection valves are operated in a set sequence. Switching of each valve is dependent upon operation of the previous valve. Each module unit has one hydraulic connection only.

IPC 1-7
F15B 11/20; **F15B 11/028**; **F15B 13/00**; **B25B 5/06**

IPC 8 full level
B25B 5/06 (2006.01); **F15B 11/028** (2006.01); **F15B 11/20** (2006.01); **F15B 13/00** (2006.01); **F15B 13/08** (2006.01)

CPC (source: EP)
B25B 5/061 (2013.01); **F15B 11/028** (2013.01); **F15B 11/20** (2013.01); **F15B 13/0817** (2013.01); **F15B 13/0825** (2013.01); **F15B 13/0832** (2013.01); **F15B 13/0857** (2013.01); **F15B 13/0875** (2013.01); **F15B 13/0892** (2013.01); **F15B 2211/30505** (2013.01); **F15B 2211/40515** (2013.01); **F15B 2211/40584** (2013.01); **F15B 2211/428** (2013.01); **F15B 2211/50554** (2013.01); **F15B 2211/50581** (2013.01); **F15B 2211/528** (2013.01); **F15B 2211/615** (2013.01); **F15B 2211/7053** (2013.01); **F15B 2211/71** (2013.01); **F15B 2211/7128** (2013.01)

Cited by
CN113153848A; CN103406846A; DE102004027467A1; DE102004027467B4

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1154163 A2 20011114; **EP 1154163 A3 20031112**; **EP 1154163 B1 20051214**; AT E313015 T1 20051215; DE 10023216 A1 20011115; DE 50108356 D1 20060119; ES 2253299 T3 20060601

DOCDB simple family (application)
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