

Title (en)  
Crane

Title (de)  
Kran

Title (fr)  
Grue

Publication  
**EP 0985629 B1 20010725 (DE)**

Application  
**EP 98116951 A 19980908**

Priority  
EP 98116951 A 19980908

Abstract (en)  
[origin: EP0985629A1] The crane has a hydraulically actuated jib system with at least one cylinder (3a,3b) for actuating it, and a device for monitoring the cylinder pressure indicating the crane load. The flow of hydraulic fluid to the cylinder is controlled by varying the cross-section of a valve (11). Depending on the time variation of the cylinder pressure or the load on the piston, a signal is generated that actuates the drive to alter the valve cross-section to reduce the measured pressure or load.

IPC 1-7  
**B66C 13/18**; **F15B 11/028**; **E02F 9/22**

IPC 8 full level  
**B66C 1/00** (2006.01); **B66C 13/18** (2006.01); **B66C 23/82** (2006.01); **B66C 13/20** (2006.01); **E02F 9/22** (2006.01); **F15B 11/028** (2006.01)

CPC (source: EP KR US)  
**B66C 1/00** (2013.01 - KR); **B66C 13/066** (2013.01 - EP US); **B66C 13/18** (2013.01 - EP US); **E02F 9/2207** (2013.01 - EP US); **F15B 11/028** (2013.01 - EP US); **F15B 2211/30515** (2013.01 - EP US); **F15B 2211/30525** (2013.01 - EP US); **F15B 2211/31576** (2013.01 - EP US); **F15B 2211/327** (2013.01 - EP US); **F15B 2211/35** (2013.01 - EP US); **F15B 2211/6313** (2013.01 - EP US); **F15B 2211/7053** (2013.01 - EP US); **F15B 2211/76** (2013.01 - EP US)

Cited by  
EP1964756A1; CN102942115A; DE102010038218B4; EP1201575A3; DE102010010386A1; DE102010010386B4; US8485288B2; DE102010038218A1

Designated contracting state (EPC)  
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