

Title (en)
Level luffing crane

Title (de)
Wippkran

Title (fr)
Grue à portée variable

Publication
EP 1031531 A3 20040616 (DE)

Application
EP 99125403 A 19991220

Priority
DE 19908485 A 19990226

Abstract (en)
[origin: EP1031531A2] The counterpoise drive which engages on either the crane base (15) or boom arm (13) has at least one piston/cylinder hydraulic force device which engages between the two articulated connections (25, 27). The hydraulic force device (29) is arranged above the swivel axis and is connected to the crane base and boom rigid against both tensile force and compressive force. The hydraulic force device has mechanical end stops between its cylinder (31) and its piston (33) displaceable therein.

IPC 1-7
B66C 23/82; **B66C 23/76**

IPC 8 full level
B66C 23/76 (2006.01); **B66C 23/82** (2006.01); **B66C 23/92** (2006.01)

CPC (source: EP)
B66C 23/76 (2013.01); **B66C 23/82** (2013.01); **B66C 23/92** (2013.01)

Citation (search report)

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Designated contracting state (EPC)
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