

Title (en)
Slewing gear for a crane

Title (de)
Drehwerk für einen Kran

Title (fr)
Mécanisme de rotation pour une grue

Publication
EP 0691301 B1 20010228 (DE)

Application
EP 95107992 A 19950524

Priority
DE 4419791 A 19940606

Abstract (en)
[origin: EP0691301A1] The rotating parts of the crane are driven by gearing from an electric motor controlled by an actuator in response to measurements of its rotational speed and torque. When the load suspended from the jib is swinging forwards during run-up of the motor and rotation of the jib, the driving torque is reduced as the speed increases. When the load is swinging backwards the torque is maintained at a substantially constant value. <IMAGE>

IPC 1-7
B66C 23/26; **B66C 13/30**; **B66C 13/06**; **G05D 3/14**

IPC 8 full level
B66C 13/06 (2006.01); **B66C 13/30** (2006.01); **B66C 23/26** (2006.01); **G05D 3/14** (2006.01)

CPC (source: EP)
B66C 13/063 (2013.01); **B66C 13/30** (2013.01)

Cited by
US8235230B2; EP0733580A3; US5811945A; DE102018200573A1; EP2692683A1; DE102012015306A1

Designated contracting state (EPC)
AT BE CH DE DK ES FR IT LI NL

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