

Title (en)  
Clamping brake for the motor of a rotary crane mast

Title (de)  
Drehwerksbremse eines Krandrehwerks

Title (fr)  
Frein pour un dispositif de rotation de grue

Publication  
**EP 1422188 B1 20060215 (DE)**

Application  
**EP 03025699 A 20031107**

Priority  
DE 20218078 U 20021121

Abstract (en)  
[origin: EP1422188A1] A rotary brake for a tower crane has a brake anchor and brake rotor held together by spring force and with a release brake which allows the boom to swing freely and follow the wind direction. The brake is moved into the open position by remote control and with a mechanical lock to retain the open position until actively released. A manual control provides additional failsafe release and locking of the boom. The control brake and release brake are mounted on top of the motor, inside the motor housing and cooled by an integral blower.

IPC 8 full level  
**B66C 23/84** (2006.01); **B66C 23/88** (2006.01)

CPC (source: EP)  
**B66C 23/84** (2013.01); **B66C 23/88** (2013.01)

Cited by  
EP2123592A1; EP2711331A1; DE102018127783A1; CN103879913A; US9327950B2; CN103935915A; CN102642775A; CN103010985A; CN108964352A; EP2025637A1; FR2919853A1; FR2931467A1; CN103663214A; EP2123590A1; US8235230B2; WO2023035715A1; DE202012009167U1; WO2020094770A1; US12024406B2; DE202014001801U1; WO2015128086A1; US10633228B2

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