

Title (en)
Swivel joint assembly

Title (de)
Drehgelenkanordnung

Title (fr)
Agencement articulé rotatif

Publication
EP 2570379 B1 20151111 (DE)

Application
EP 11007519 A 20110915

Priority
EP 11007519 A 20110915

Abstract (en)
[origin: EP2570379A1] The arrangement has a pendulum brake (9) for braking and/or attenuating oscillations of tools at a crane arm (1) and comprising a set of disk-shaped brake elements. An outer peripheral edge and an inner peripheral edge of two parts of the brake elements comprise an outer profile and an inner profile, respectively. One of the parts of the brake elements is positively secured at a bearing bolt (8) over a complementary profile. The other part of the brake elements is positively connected with tabs (6, 7) over the complementary profile and rotates relative to the bearing bolt. The inner profile, the outer profile and the complementary profile are designed as multi-edge profile or a gearing. The tools are designed as working equipments.

IPC 8 full level
B66C 1/58 (2006.01); **B66C 3/00** (2006.01)

CPC (source: EP US)
B66C 1/585 (2013.01 - EP US); **B66C 3/005** (2013.01 - EP US); **Y10T 403/32319** (2015.01 - EP US)

Cited by
EP3009391A1; CN104760896A; EP3009392A1; US12000430B2; WO2020099722A1

Designated contracting state (EPC)
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DOCDB simple family (publication)
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CA 2790074 A1 20130315; CN 102992205 A 20130327; PL 2570379 T3 20160429; RU 2012139641 A 20140320; RU 2519796 C2 20140620;
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