

Title (en)
Retention support

Title (de)
Rückfallstütze

Title (fr)
Appui de chute en arrière

Publication
EP 2371756 B1 20130508 (DE)

Application
EP 11002368 A 20110322

Priority
DE 102010013328 A 20100330

Abstract (en)
[origin: EP2371756A2] The relapse support is attached at an arm head (3) of a crane, and has a pressing rod (10), which is arranged between a needle arm (1) and the arm head and limits a relapse movement of the needle arm. The pressing rod has a composite pipe, particularly an aluminum pipe with a reinforcement of carbon fibers.

IPC 8 full level
B66C 23/66 (2006.01); **B66C 23/70** (2006.01); **B66C 23/82** (2006.01); **B66C 23/92** (2006.01)

CPC (source: EP US)
B66C 23/66 (2013.01 - EP US); **B66C 23/702** (2013.01 - EP US); **B66C 23/82** (2013.01 - EP US); **B66C 23/92** (2013.01 - EP US)

Cited by
DE202017104032U1; US2020102194A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2371756 A2 20111005; EP 2371756 A3 20111221; EP 2371756 B1 20130508; DE 102010013328 A1 20111006;
US 2011240582 A1 20111006

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EP 11002368 A 20110322; DE 102010013328 A 20100330; US 201113075941 A 20110330