

Title (en)

Telescopic beam

Title (de)

Teleskopierbarer Schiebehelm

Title (fr)

Poutre télescopique

Publication

EP 1749789 A1 20070207 (DE)

Application

EP 06014134 A 20060707

Priority

DE 202005012049 U 20050801

Abstract (en)

The telescopic sliding beam has a sliding beam case and at least first and second sliding beams that are arranged telescopically one inside the other, whereby the first beam can be deployed telescopically in the case. The first beam is deployed first to a desired point and then the second is deployed. When retracting the second beam is first retracted to a desired point then the first beam is retracted. An independent claim is also included for a working machine, preferably mobile crane or excavator, with an inventive device.

IPC 8 full level

B66C 23/693 (2006.01); **B66C 23/80** (2006.01); **F15B 11/20** (2006.01); **F15B 13/07** (2006.01)

CPC (source: EP US)

B66C 23/705 (2013.01 - EP US); **B66C 23/80** (2013.01 - EP US); **E02F 9/085** (2013.01 - EP US); **F15B 11/205** (2013.01 - EP US); **F15B 13/07** (2013.01 - EP US); **F15B 2211/7128** (2013.01 - EP US); **F15B 2211/783** (2013.01 - EP US)

Citation (search report)

- [X] DE 2260815 A1 19740620 - KRONE BERNHARD GMBH MASCHF
- [X] US 5355769 A 19941018 - KOTTKE KEVIN D [US]
- [X] EP 0947710 A1 19991006 - GROVE US LLC [US]
- [X] US 4589076 A 19860513 - FUJIOKA JUN [JP]
- [A] US 4593791 A 19860610 - MATTHEWS DEAN A [US]

Cited by

CN111532962A; CN101937159A; DE102012008864A1; DE102013001474A1; DE102013001474B4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

US 2007175850 A1 20070802; **US 7703616 B2 20100427**; AT E530491 T1 20111115; DE 202005012049 U1 20061214; EP 1749789 A1 20070207; EP 1749789 B1 20111026

DOCDB simple family (application)

US 49426406 A 20060726; AT 06014134 T 20060707; DE 202005012049 U 20050801; EP 06014134 A 20060707