

Title (en)
Apparatus for construction works

Title (de)
Bauarbeitsgerät

Title (fr)
Appareil pour travaux de construction

Publication
EP 1672165 A1 20060621 (DE)

Application
EP 04029335 A 20041210

Priority
EP 04029335 A 20041210

Abstract (en)
The apparatus has a slide (20) guided in a longitudinally displaceable manner on a front side (5) of a mast for supporting a tool, and a drive chain arranged longitudinally to the mast. A drive pinion is supported on the slide in a rotatable manner, which is engaged with the drive chain. The drive chain and the drive pinion are arranged in the direction of the slide in front of the front side of the mast.

IPC 8 full level
E21B 15/00 (2006.01)

CPC (source: EP US)
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Citation (search report)

- [Y] US 3146836 A 19640901 - LEE ARTHUR L
- [A] US 3820612 A 19740628 - SNYDER R, et al
- [A] US 4020909 A 19770503 - AIRAUDO ANTONIN
- [A] DE 8616401 U1 19860925
- [XY] PATENT ABSTRACTS OF JAPAN vol. 016, no. 487 (M - 1323) 9 October 1992 (1992-10-09)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2000, no. 04 31 August 2000 (2000-08-31)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 14 22 December 1999 (1999-12-22)

Cited by
EP2025859A1; EP2339108A1; US8646546B2

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EP 1672165 A1 20060621; EP 1672165 B1 20080227; AT E387563 T1 20080315; CA 2527529 A1 20060610; CA 2527529 C 20090811; CN 100510307 C 20090708; CN 1786408 A 20060614; DE 502004006340 D1 20080410; ES 2300696 T3 20080616; JP 2006169955 A 20060629; JP 4324588 B2 20090902; PL 1672165 T3 20080731; PT 1672165 E 20080408; RU 2005137717 A 20070610; RU 2314406 C2 20080110; SI 1672165 T1 20080630; UA 81809 C2 20080211; US 2006124330 A1 20060615; US 7559377 B2 20090714

DOCDB simple family (application)
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