

Title (en)
CLIMBING DEVICE, IN PARTICULAR FOR A CLIMBING SCAFFOLD

Title (de)
KLETTERVORRICHTUNG, INSBESONDERE FÜR EIN KLETTERGERÜST

Title (fr)
DISPOSITIF GRIMPEUR, NOTAMMENT POUR ECHAFAUDAGE GRIMPANT

Publication
EP 0681635 B1 19960724 (DE)

Application
EP 94904965 A 19940122

Priority

- DE 9400062 W 19940122
- DE 4302197 A 19930127

Abstract (en)
[origin: US5630482A] PCT No. PCT/DE94/00062 Sec. 371 Date Jul. 24, 1995 Sec. 102(e) Date Jul. 24, 1995 PCT Filed Jan. 22, 1994 PCT Pub. No. WO94/17265 PCT Pub. Date Aug. 4, 1994A self-climbing device, in particular for a climbing scaffolding, with at least one linear drive which produces a relative motion between at least one moving console and at least one mounting rail running in the displacement direction, in particular when the linear drive alternately displaces a scaffolding section and, following attachment of same to the wall and loosening of the attachment of the mounting rail, the mounting rail by a working section, is characterized in that the connection between the linear drive (13) and the mounting rail (6) is established by climbing heads (14, 15) arranged at separations from each other which exhibit at least one pivotable locking member (24) functioning in the manner of a detent pawl and locking cams (29) are provided for on the mounting rail (6) along the path of the locking member (24) during relative motion between the mounting rail and the climbing head which cooperate with same and the locking member (24) is lifted over the locking cams (29) by relative motion in one direction while, in the other direction of motion, abutting the locking cam (29) so that one climbing head form-fittingly connects to the mounting rail (6) to block this relative motion, whereas, on the other climbing head, a relative motion which overcomes the locking cams takes place. The drive is simple and safe.

IPC 1-7
E04G 11/28

IPC 8 full level
E04G 3/00 (2006.01); **B66F 1/08** (2006.01); **E04G 5/04** (2006.01); **E04G 11/28** (2006.01)

CPC (source: EP US)
E04G 11/28 (2013.01 - EP US)

Cited by
CN110670865A; US7513480B2; DE102020124646A1; WO2022063547A1

Designated contracting state (EPC)
AT DE ES FR GB

DOCDB simple family (publication)
US 5630482 A 19970520; AT E140750 T1 19960815; DE 4302197 A1 19940728; DE 59400455 D1 19960829; EP 0681635 A1 19951115; EP 0681635 B1 19960724; ES 2092397 T3 19961116; JP 3468243 B2 20031117; JP H08505912 A 19960625; WO 9417265 A1 19940804

DOCDB simple family (application)
US 50098395 A 19950724; AT 94904965 T 19940122; DE 4302197 A 19930127; DE 59400455 T 19940122; DE 9400062 W 19940122; EP 94904965 A 19940122; ES 94904965 T 19940122; JP 51656294 A 19940122