

Title (en)

Driving equipment, particularly for use in tube pushing operations.

Title (de)

Vortriebseinrichtung, insbesondere für den Rohrvorpressbetrieb.

Title (fr)

Dispositif de creusement, en particulier dans la technique de poussage de tubes.

Publication

**EP 0161405 A1 19851121 (DE)**

Application

**EP 85102589 A 19850307**

Priority

DE 3412994 A 19840406

Abstract (en)

1. Driving apparatus, especially for tube forward pressing operation, having a partial-cutting machine mounted suspended in a working tube, consisting of a cutter arm (16) which is mounted pivotably on a cutter arm carrier (14) on a joint (15) with joint axis extending transversely of the driving direction, which cutter arm carrier (14) in turn is mounted through a swivel fitting (13) with vertical axis of rotation (17) on a slide carriage (6) which is guided on a carriage guide arranged in the roof region of the working tube, characterized by the following features : the cutt arm (16) is in known manner formed at the same time as loading arm and provided with a circulating scraper chain (23) ; the cutter arm carrier (14) is mounted for pivoting on a swivel cross-fitting (13) about an axis (19) extending in the driving direction, which cross-fitting in turn is mounted on the carriage (6) laterally pivotably about the vertical axis (17).

Abstract (de)

Die erfindungsgemäße Vortriebseinrichtung weist einen Schneidarm (16) auf, der in bekannter Weise zugleich als Ladearm ausgebildet ist. Der Schneidarm ist an einem Schneidarmträger (14) angelenkt, der über einen Kreuzdrehstuhl (13) mit einem im Firstbereich des Arbeitsrohres (1) geführten Schlitten (6) verbunden ist. Der Schneidarm ist demgemäß um drei senkrecht zueinanderstehenden Raumachsen schwenkbar. Am Schlitten kann ein Ladeförderer (25) aufgehängt sein, der den Schlittenbewegungen folgt.

IPC 1-7

**E21D 9/10**; **E21D 9/12**

IPC 8 full level

**E21D 9/08** (2006.01); **E21D 9/10** (2006.01); **E21D 9/12** (2006.01)

CPC (source: EP)

**E21D 9/1026** (2013.01); **E21D 9/1093** (2013.01); **E21D 9/12** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)

**EP 0161405 A1 19851121**; **EP 0161405 B1 19880518**; AT E34428 T1 19880615; DE 3412994 A1 19851024; DE 3562791 D1 19880623; ES 541900 A0 19860516; ES 8607471 A1 19860516; JP S60233295 A 19851119

DOCDB simple family (application)

**EP 85102589 A 19850307**; AT 85102589 T 19850307; DE 3412994 A 19840406; DE 3562791 T 19850307; ES 541900 A 19850402; JP 7132185 A 19850405