Title (en)
DRIVING EQUIPMENT, PARTICULARLY FOR USE IN TUBE PUSHING OPERATIONS

Publication
EP 0161405 B1 19880518 (DE)

Application
EP 85102589 A 19850307

Priority
DE 3412994 A 19840406

Abstract (en)
[origin: EP0161405A1] 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).

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E21D 9/10; E21D 9/12

IPC 8 full level
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CPC (source: EP)
E21D 9/1026 (2013.01); E21D 9/1093 (2013.01); E21D 9/12 (2013.01)

Citation (examination)
• DE 3240314 A1 19840503 - GEWERK EISENHUETTE WESTFALIA [DE]
• GB 1165430 A 19691001 - GRUERE CHARLES [FR]

Cited by
AT403831B; CN110486032A; CN109281685A

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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

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