Title (en)

TRENCH EXCAVATING ARM PROPULSION APPARATUS

Title (de)

ANTRIEBSGERÄT FÜR DEN AUSLEGER EINER SCHLITZBAUMASCHINE

Title (fr)

APPAREIL DE PROPULSION POUR BRAS EXCAVATEUR DE TRANCHEES

Publication

EP 0455672 B1 19970820 (EN)

Application

EP 90902124 A 19900129

Priority

- AU 9000026 W 19900129
- AU PJ246789 A 19890127

Abstract (en)

[origin: WO9008856A1] Propulsion apparatus (10) is disclosed for urging a trenching arm (12) forward against the advancing face of an elongate trench being dug by the trenching arm. The propulsion apparatus (10) includes a propulsion member (22) which is engageable with the base wall of the trench such that the trenching arm (12) may be urged forward relative to the engaged propulsion member (22). The propulsion member (22) may then be withdrawn from engagement with the base wall and retracted towards the trenching arm (12) before commencing a further propulsion cycle. The propulsion member (22) is also operable to cooperate with the trenching arm (12) in excavating a starting slot at the beginning of a new trench.

IPC 1-7

E02F 1/00; E02F 3/08; E02F 5/06; E02F 5/14

IPC 8 full level

E02D 17/13 (2006.01); **E02F 1/00** (2006.01); **E02F 3/08** (2006.01); **E02F 3/10** (2006.01); **E02F 5/06** (2006.01); **E02F 5/14** (2006.01); E02F 5/02 (2006.01)

CPC (source: EP)

E02F 3/085 (2013.01); **E02F 3/10** (2013.01); **E02F 5/14** (2013.01)

Citation (examination)

AU 4113985 B

Cited by

CN102619249A

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9008856 A1 19900809; AT E157134 T1 19970915; AU 5028290 A 19900824; AU 635522 B2 19930325; CA 2045656 A1 19900728; CA 2045656 C 19960423; DE 69031306 D1 19970925; EP 0455672 A1 19911113; EP 0455672 A4 19920506; EP 0455672 B1 19970820; JP H04503091 A 19920604

DOCDB simple family (application)

AU 9000026 W 19900129; AT 90902124 T 19900129; AU 5028290 A 19900129; CA 2045656 A 19900129; DE 69031306 T 19900129; EP 90902124 A 19900129; JP 50249790 A 19900129