

Title (en)

Teeth for use with earth moving equipment.

Title (de)

Zähne zur Verwendung an einem Erdbewegungsgerät.

Title (fr)

Dents destinées pour un dispositif d'engins de terrassement.

Publication

EP 0203315 A2 19861203 (EN)

Application

EP 86104482 A 19860402

Priority

- ZA 852501 A 19850403
- ZA 856769 A 19850904
- ZA 86585 A 19860127

Abstract (en)

A shanked solid tooth (10) carries a pair of fastening members (42) in a transverse slot in the shank (22). A rubber or neoprene block (44) is located between the fastening members (42) to urge them outwardly. The tooth is in use received in an "U"-section adapter (14), the fastening members are moved inwardly and they spring outwardly to hold the shank in the adapter. The rear ends (48) of the fastening members (42) are rounded and are received in recesses in an abutment member (52) that butts against the rear of the slot. To remove the shank (22), the abutment member (52) is struck transversely to the shank with a hammer blow which has the effect of breaking the fastening members (48) so that they may be removed to facilitate removal of the shank (22). A number of variations (including a hollow tooth) are also described.

IPC 1-7

E02F 9/28

IPC 8 full level

E02F 9/28 (2006.01)

CPC (source: EP)

E02F 9/2841 (2013.01)

Cited by

CN104204368A; KR20140135761A; AU2019235398B2; US8819967B2; US9057176B2; US6216368B1; US6393738B1; WO9966135A1; US8393097B2; US8397405B2; WO2013142130A1; WO2023115103A1

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