

Title (en)
REMOVAL DEVICE

Publication
EP 0291027 B1 19911002 (DE)

Application
EP 88107531 A 19880510

Priority
DE 3715977 A 19870513

Abstract (en)
[origin: US4834197A] A trench cutter has cutting wheels with radially projecting cutting teeth and is arranged on a bearing bracket. Along the bearing bracket, hinged teeth are arranged on one edge of the cutting wheel hub. The hinged teeth have two arms, one arm serving as a control arm, which engages with a control ledge arranged on the bearing bracket, and the other arm serving as cutting tooth. The control ledge and the control arm form a wedge gear which forces the hinged teeth into a swing-out position in front of the free end of the bearing bracket.

IPC 1-7
E02F 5/08

IPC 8 full level
E02F 5/08 (2006.01); **E02F 3/20** (2006.01); **E02F 9/28** (2006.01); **E02F 5/02** (2006.01)

CPC (source: EP US)
E02F 3/205 (2013.01 - EP US); **E02F 9/2808** (2013.01 - EP US)

Cited by
EP4311882A1; EP4311881A1; WO2024022816A1; DE102019135781A1; US5035071A; EP1548192A1; DE10360910B3; EP4375423A1; US7278228B2; EP2623677A1; EP0312089B1; US8864422B2

Designated contracting state (EPC)
AT CH DE ES FR GB IT LI NL

DOCDB simple family (publication)
EP 0291027 A1 19881117; **EP 0291027 B1 19911002**; AT E68030 T1 19911015; DE 3715977 A1 19881201; DE 3715977 C2 19901122; DE 3865235 D1 19911107; ES 2026965 T3 19920516; JP H0660501 B2 19940810; JP S63308123 A 19881215; US 4834197 A 19890530

DOCDB simple family (application)
EP 88107531 A 19880510; AT 88107531 T 19880510; DE 3715977 A 19870513; DE 3865235 T 19880510; ES 88107531 T 19880510; JP 11596788 A 19880512; US 19374288 A 19880513