

Title (en)

DIGGING WHEEL, IN PARTICULAR FOR DIGGING TRENCHES

Publication

**EP 0249551 B1 19891129 (FR)**

Application

**EP 87401290 A 19870609**

Priority

FR 8608450 A 19860611

Abstract (en)

[origin: US4768297A] A trenching wheel more especially for digging trenches, of the type in which the tools are mounted on ring portions removably fixed to the periphery of said wheel. The arrangement for fixing each ring portion to the periphery of said wheel include: a first assembly of two end faces provided respectively at the ends of said ring portion a second assembly of two abutment faces fixed to the periphery of said wheel and orthogonal to the plane thereof; and a wedge shaped key insertable from outside the periphery of said wheel inwardly thereof, between an end face of said first assembly and an abutment face of said second assembly for applying the other of said end faces of said first assembly under pressure against the other of said abutment faces of said second assembly.

IPC 1-7

**E02F 3/18**; **E02F 3/24**; **E02F 3/92**; **E02F 5/08**; **E02F 9/28**

IPC 8 full level

**E02F 3/18** (2006.01); **E02F 3/20** (2006.01); **E02F 3/24** (2006.01); **E02F 3/92** (2006.01); **E02F 5/08** (2006.01); **E02F 9/28** (2006.01); **E02F 5/02** (2006.01)

CPC (source: EP US)

**E02F 3/20** (2013.01 - EP US); **E02F 3/241** (2013.01 - EP US); **E02F 3/9225** (2013.01 - EP US); **E02F 9/2858** (2013.01 - EP US); **E02F 9/2866** (2013.01 - EP US)

Cited by

US5333399A; EP0378485A1; FR2641807A1; US4991322A; WO9113219A1

Designated contracting state (EPC)

AT BE CH DE ES GB GR IT LI LU NL SE

DOCDB simple family (publication)

**EP 0249551 A1 19871216**; **EP 0249551 B1 19891129**; AT E48292 T1 19891215; DE 3761055 D1 19900104; FR 2600095 A1 19871218; FR 2600095 B1 19890526; US 4768297 A 19880906

DOCDB simple family (application)

**EP 87401290 A 19870609**; AT 87401290 T 19870609; DE 3761055 T 19870609; FR 8608450 A 19860611; US 5981687 A 19870609