

Title (en)

MECHANICAL RETENTION SYSTEM FOR GROUND ENGAGING TOOLS

Title (de)

MECHANISCHE HALTEVORRICHTUNG FÜR DEN GRUND EINGREIFFENDE WERKZEUGE

Title (fr)

SYSTEME DE RETENTION MECANIQUE POUR INSTRUMENTS VENANT EN CONTACT AVEC LE SOL

Publication

EP 1027504 A1 20000816 (EN)

Application

EP 98953920 A 19981023

Priority

- US 9822448 W 19981023
- US 96130497 A 19971030

Abstract (en)

[origin: WO9923315A1] A mechanical retention system (16) is disclosed for detachably retaining a ground engaging tool (14) onto an earthworking implement (10). The retention system (16) uses an elongated steel retainer (76), which has a convolute spring portion (86) between opposite end portions (82, 84) of the retainer (76) to allow the retainer (76) to be compressible in one direction in order to be mounted through a retainer opening (64) in the tool (14) into a retainer pocket (38) in a mounting portion (20) of the implement (10).

IPC 1-7

E02F 9/28

IPC 8 full level

E02F 9/28 (2006.01)

CPC (source: EP)

E02F 9/2825 (2013.01); **E02F 9/2841** (2013.01)

Citation (search report)

See references of WO 9923315A1

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

WO 9923315 A1 19990514; AU 1117199 A 19990524; CA 2305617 A1 19990514; EP 1027504 A1 20000816

DOCDB simple family (application)

US 9822448 W 19981023; AU 1117199 A 19981023; CA 2305617 A 19981023; EP 98953920 A 19981023