

Title (en)
GROUND ENGAGING TOOL

Title (de)
BODENEINGRIFFSWERKZEUG

Title (fr)
OUTIL D'ATTAQUE DU SOL

Publication
EP 3227498 A1 20171011 (EN)

Application
EP 15805704 A 20151124

Priority

- US 201462086981 P 20141203
- US 201462086957 P 20141203
- US 201514941297 A 20151113
- US 201514941326 A 20151113
- US 2015062384 W 20151124

Abstract (en)
[origin: CA2969526A1] A lock (60) for a ground engaging tool (30) may have a head portion (80) with at least one compressible detent projection (67). The lock may also have a C-shaped skirt (63) extending from the head portion. The skirt may define a lock slot (62) for receiving a post (23) to be locked with the ground engaging tool. The tool may have an interior surface (100). The tool may also have an exterior surface (101) defining a front edge (31) of the tool. In addition, the tool may have a rear surface (102) substantially opposite the front edge. The rear surface may connect the interior surface to the exterior surface. The tool may also have a lock opening surface (104). The lock opening surface may define a lock opening (40) extending from the interior surface, through the tool, to the exterior surface. The lock opening surface may have a generally circular inner portion (105) adjacent the interior surface. The inner portion may define a groove (107) in the tool positioned circumferentially around the lock opening. In addition, the inner portion may define at least one detent recess (77) in the tool along the groove. The lock opening surface may also have a generally circular outer portion (106) adjacent the exterior surface.

IPC 8 full level
E02F 9/28 (2006.01)

CPC (source: CN EP RU)
E02F 9/2808 (2013.01 - RU); **E02F 9/2833** (2013.01 - RU); **E02F 9/2841** (2013.01 - CN EP)

Citation (search report)
See references of WO 2016089669A1

Cited by
CN115380146A; WO2021170237A1

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Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
AU 2015355305 A1 20170629; AU 2015355305 B2 20201029; CA 2969526 A1 20160609; CA 2969526 C 20230321;
CL 2017001334 A1 20180119; CN 107002392 A 20170801; EP 3227498 A1 20171011; EP 3227498 B1 20190821; ES 2753613 T3 20200413;
RU 2017121124 A 20181217; RU 2017121124 A3 20190419; RU 2698928 C2 20190902

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