

Title (en)
EXCAVATING TOOTH.

Title (de)
BAGGERZAHN.

Title (fr)
DENT D'EXCAVATION.

Publication
EP 0681630 A4 19961211 (EN)

Application
EP 94907947 A 19940202

Priority
• US 9401169 W 19940202
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Abstract (en)
[origin: WO9418401A1] An excavating tooth (10) for use on a wide variety of excavating equipment is comprised of a point (12), an adapter (14) and a sandwich lock pin (16). The pin includes a rigid casing (54) and a plurality of independently depressible protrusions (58, 59). One of the protrusions (58) resiliently engages a face (22) defined on the nose of the adapter to tighten the connection of the point on the nose. One other of the protrusions (59) extends into an opening (50) defined by the point to secure the lock pin to the point. With respect to an external locking tooth, the opening (50) defined in the point includes a pair of bosses (155a, 155b) which define a reduced portion of the opening. The reduced portion matingly receives and holds the ends of the rigid casing of the pin. The independent locking of the pin and the mating receipt of the casing in the point opening reduces the likelihood of pin loss due to overloading of the elastomeric material, wearing of the components or jacking forces.

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IPC 8 full level
E02F 9/28 (2006.01)

CPC (source: EP)
E02F 9/2825 (2013.01); **E02F 9/2841** (2013.01)

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No further relevant documents disclosed

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