

Title (en)
Tip for earth moving machinery and locking key therefore

Title (de)
Spitzenanordnung für Erdförderungsmaschinen

Title (fr)
Ensemble d'extrémité pour machine se déplaçant à terre

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Application
EP 11173680 A 20051125

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• IT 2005000692 W 20051125

Abstract (en)
[origin: WO2007060697A1] The invention relates to a tip assembly for earth moving machinery, comprising a tip (11) having a pocket (12) open at the back, said tip exhibiting a hole (16) for seating a locking key, an adapter (41) having a nose (42) that geometrically couples with said pocket (12), said nose being crossed by a seat (43) for seating the locking key, and a locking key (61) inserted in said hole in the tip and in said seat in the adapter for locking the tip to the adapter. At least one surface of the nose exhibits a lowered or recessed zone obtained around the seat for the locking key. At least the wall of the pocket facing said surface of the nose internally exhibits a relief complementary to said lowered or recessed zone. In this way, the coupling between the tip and the adapter is made stronger by the interaction between at least two respective facing surfaces.

IPC 8 full level
E02F 9/28 (2006.01)

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E02F 9/2825 (2013.01 - BR EP US); **E02F 9/2841** (2013.01 - BR EP US)

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