

Title (en)

Self-locking quick coupling for fitting buckets or the like to earth-movers.

Title (de)

Selbstverriegelnde Schnellverbindung zwischen Baggerlöffel oder dergleichen und einer Erdbewegungsmaschine.

Title (fr)

Attelage rapide autobloquant pour l'attache des godets ou d'autres outils sur engins de terrassement.

Publication

EP 0616084 A1 19940921 (EN)

Application

EP 93114408 A 19930908

Priority

IT PD930065 A 19930319

Abstract (en)

A quick coupling comprising: a support (10) to be fixed to the power arm of an earth-mover; elements (12) with a hook-like end (13), suitable to fit between the upper part of a bucket (24) or the like and a transverse pivot (26) thereof, extending on one side from the arm, and means for fixing to the bucket or the like extending on the opposite side from the arm. The fixing means comprise a locking element (20) slidingly coupled to the support (18) and coupled to means (22) suitable to push it so that it fits with one end (29) in a corresponding seat (28) of a cross-member (27) protruding from the upper part of the bucket or the like. This end has, on the same side as the support, an inclined surface suitable to rest against a corresponding inclined surface of the seat. <IMAGE>

IPC 1-7

E02F 3/36

IPC 8 full level

E02F 3/36 (2006.01)

CPC (source: EP)

E02F 3/3622 (2013.01); **E02F 3/3627** (2013.01); **E02F 3/364** (2013.01); **E02F 3/3663** (2013.01)

Citation (search report)

- [XA] EP 0143074 A1 19850529 - STURY FREDI AG [CH]
- [X] EP 0273828 A1 19880706 - PONCIN GILLES
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