

Title (en)

Device to unlock a rotary cam especially for bucket loaders.

Title (de)

Vorrichtung zum Entriegeln eines drehbaren Nockens insbesondere für Schaufellader.

Title (fr)

Dispositif pour déverrouiller une came rotative notamment pour chargeur à godet.

Publication

EP 0671513 A1 19950913 (FR)

Application

EP 95400456 A 19950303

Priority

FR 9402821 A 19940311

Abstract (en)

The cam release mechanism, e.g. for a loader bucket, comprises a cam housing which is joined to a cylinder (7) containing a piston (8) which is moved by a fluid under pressure to make the cam (5) rotate relative to the shaft (4) on which it is mounted. The piston is made with teeth (9) which mesh with others on the shaft (10). The mechanism, which can be used, for example, to lock a loader bucket relative to a transverse shaft (6), is designed so that the locking mechanism can be engaged or released remotely, without the operator having to leave his cab.

Abstract (fr)

Dispositif pour déverrouiller une came rotative montée librement sur un arbre (4) fixe, caractérisé en ce que le corps de la came (5) est solidaire d'un cylindre (7) comportant un piston (8) dont le déplacement, sous l'effet d'un fluide sous pression, est susceptible de faire pivoter ladite came par rapport à l'arbre (4). <IMAGE>

IPC 1-7

E02F 3/36; **F15B 15/08**

IPC 8 full level

E02F 3/36 (2006.01); **F15B 15/08** (2006.01)

CPC (source: EP)

E02F 3/3663 (2013.01); **F15B 15/065** (2013.01)

Citation (search report)

- [X] EP 0578447 A1 19940112 - FERMEC MFG LTD [GB]
- [AP] EP 0598689 A1 19940525 - RASON INGF AB [SE]

Cited by

FR2900168A1; WO2007122317A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

EP 0671513 A1 19950913; **EP 0671513 B1 19981007**; AT E171991 T1 19981015; DE 69505167 D1 19981112; DE 69505167 T2 19990422; DK 0671513 T3 19990621; ES 2124974 T3 19990216; FR 2717198 A1 19950915; FR 2717198 B1 19960405

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