

Title (en)

SYSTEM FOR CONTROLLING AND SYNCHRONISING MOVEMENTS OF TWO PARTS OF A TOOL CARRIED BY A LOADER

Title (de)

SYSTEM ZUR STEUERUNG UND SYNCHRONISIERUNG DER BEWEGUNGEN ZWEIER TEILE EINES VON EINEM LADER GETRAGENEN WERKZEUGS

Title (fr)

SYSTEME DE COMMANDE DE LA SYNCHRONISATION DES MOUVEMENTS DES DEUX PARTIES D'UN OUTIL PORTE PAR UN CHARGEUR

Publication

**EP 1738033 B1 20091014 (FR)**

Application

**EP 05757165 A 20050412**

Priority

- FR 2005000877 W 20050412
- FR 0403836 A 20040413

Abstract (en)

[origin: WO2005103394A1] The invention relates to a system for controlling and synchronising movements of a gripper (3) and a handling member (2) such as a bucket which jointly form a tool (O) carried by a loader (C), wherein the handling member (2) is orientable by first control means (1) and the opening and closing of the gripper (3) is controlled by second control means (4). The inventive system is characterised in that it comprises means (6) for synchronising the operation of said first and second control means (1, 4) in such a way that the opening movements of the gripper (3) and the dumping of the handling member (2) are concomitantly carried out and the closing movements of the gripper (3) and the lifting of the handling member (2) are also concomitantly carried out. The invention can be used for trucks.

IPC 8 full level

**E02F 3/40** (2006.01); **E02F 3/43** (2006.01)

CPC (source: EP)

**E02F 3/404** (2013.01); **E02F 3/431** (2013.01)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2868794 A1 20051014**; **FR 2868794 B1 20060707**; AT E445739 T1 20091015; DE 602005017133 D1 20091126; EP 1738033 A1 20070103; EP 1738033 B1 20091014; NZ 551238 A 20100430; WO 2005103394 A1 20051103

DOCDB simple family (application)

**FR 0403836 A 20040413**; AT 05757165 T 20050412; DE 602005017133 T 20050412; EP 05757165 A 20050412; FR 2005000877 W 20050412; NZ 55123805 A 20050412