

Title (en)
Device for the detection of a tool or an accessory

Title (de)
Vorrichtung zur Werkzeug- oder Zubehörfeststellung

Title (fr)
Dispositif de détection d'outil ou d'accessoire

Publication
EP 2644561 A1 20131002 (FR)

Application
EP 13159948 A 20130319

Priority
FR 1252803 A 20120328

Abstract (en)
The device has a passive identification element integrated with a tool (2) or an accessory, and an active recognition unit (1b) integrated to a machine i.e. industrial truck (1), to identify the tool or the accessory to improve performance of a tool and machine assembly. The passive element is recognized by the active unit in a non-contact manner. The passive element is designed as a passive magnetic element (2b), which includes a non-palindromic magnetic pattern that comprises multiple magnetic poles. The active unit is designed as a magnetic detection active unit.

Abstract (fr)
Un dispositif de détection d'outil (2) ou d'accessoire pour machine (1), notamment pour chariot de manutention, comporte un organe (2b) d'identification passive solidaire d'un outil (2) ou accessoire et un moyen actif(16) de reconnaissance solidaire de la machine ou du chariot (1) de manutention, de manière à identifier l'outil (2) ou accessoire en vue du bon fonctionnement de leur assemblage (1, 2).

IPC 8 full level
B66F 9/075 (2006.01); **B66F 9/065** (2006.01); **E02F 3/36** (2006.01); **E02F 9/26** (2006.01)

CPC (source: EP)
B66F 9/0655 (2013.01); **B66F 9/0755** (2013.01); **E02F 3/3609** (2013.01); **E02F 9/265** (2013.01)

Citation (applicant)
• WO 2011121400 A1 20111006 - C M C S R L SOCIETA UNIPERSONALE [IT], et al
• WO 2007106918 A1 20070927 - WIMMER ALOIS [AT]

Citation (search report)
• [A] WO 2011121400 A1 20111006 - C M C S R L SOCIETA UNIPERSONALE [IT], et al
• [A] WO 2007106918 A1 20070927 - WIMMER ALOIS [AT]
• [A] WO 2004072387 A1 20040826 - OILQUICK AB [SE], et al
• [A] GB 2464988 A 20100505 - MILLER INT LTD [GI]
• [A] EP 2221271 A2 20100825 - BOLIDEN MEK VERKSTRAD AB [SE]
• [A] WO 2009083730 A1 20090709 - QUICK SWITCH UK LTD [GB], et al

Cited by
CN111335376A; CN109281346A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2644561 A1 20131002; **EP 2644561 B1 20140528**; FR 2988659 A1 20131004; FR 2988659 B1 20141226

DOCDB simple family (application)
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