

Title (en)
Industrial truck with remote maintenance in particular

Title (de)
Flurförderzeug mit insbesondere Fernwartung

Title (fr)
Chariot de manutention doté en particulier d'une maintenance à distance

Publication
EP 2033933 B1 20150819 (DE)

Application
EP 08015252 A 20080829

Priority
DE 102007043472 A 20070904

Abstract (en)
[origin: EP2033933A2] The fork lift truck includes an on-board wireless data transmission (40) unit (10). This transmits operational data from a memory on the truck, to external memory (50). Wireless data transmission can be initiated by the on-board electronic control unit used for data acquisition and storage. Wireless transmission is carried out at given points in time, or in accordance with events. Transmission takes place when a radio connection is available, and/or as a function of fork lift truck location. An external analysis unit (60) processes the data. An independent claim IS INCLUDED FOR the corresponding remote maintenance system.

IPC 8 full level
B66F 9/24 (2006.01); **G07C 5/00** (2006.01)

CPC (source: EP US)
B66F 9/24 (2013.01 - EP US); **G07C 5/008** (2013.01 - EP US); **G07C 5/085** (2013.01 - EP US)

Citation (opposition)
Opponent : STILL GmbH
• EP 1772720 A2 20070411 - STILL WAGNER GMBH & CO KG [DE]
• EP 1732027 A1 20061213 - STILL GMBH [DE]
Opponent : zacco
• EP 1732027 A1 20061213 - STILL GMBH [DE]
• EP 2963596 A1 20160106 - CROWN EQUIP CORP [US]
• US 2008154712 A1 20080626 - WELLMAN TIMOTHY A [US]
• WO 2008074008 A2 20080619 - CROWN EQUIP CORP [US]
• DE 10359081 A1 20050721 - STILL SARL [FR]
• ANONYMOUS, LINDE TRUCK FLEET MANAGEMENT SYSTEM, 4 January 2004 (2004-01-04)
• LINDE WEBPAGE, 1 April 2004 (2004-04-01)
• LINDE TRUCK FLEET MANAGEMENT SYSTEM WEB ARCHIVE, 27 April 2004 (2004-04-27)
• LINDE TRUCK FLEET MANAGEMENT SYSTEM WEB ARCHIVE, 17 December 2004 (2004-12-17)
• CAPTURE LOG ON WEB ARCHIVE
• PRIOR USE DAVIS DERBY OF EASYVIEW DIRECT 2 SYSTEM FLEET MANAGEMENT SYSTEM
• DAVIS DERBY TRUCKLOG FLEET MANAGEMENT SYSTEM (FMIS) BROCHURE, 2005
• DAVIS DERBY OF TRUCKLOG EASYVIEW DIRECT 2 HARDWARE MANUAL, 19 March 2002 (2002-03-19)
• DAVIS DERBY EASYVIEW 2 CAPTURE FROM WEBARCHIVE
• DAVIS DERBY TRUCK LOG BROCHURE
• DAVIS DERBY MANUAL OF S16 UNIT
• D2F DAVIS DERBY PRIOR USE OF "TRUCKLOG @ REMOTE HOUR METER
• INVOICE OF SALES OF DAVIS DARBY REGARDING TRUCKLOG @ REMOTE HOUR METER
• PRIOR USE BT TRUCK LOG SYSTEM
• BT BROCHURE
• REPORT ON BT TRUCK LOG SYSTEM
• DECLARATION/AFFIDAVIT OF MATS WINGMO
• TECHNICAL MANUAL OF BT OPUS OSE 100W, OSE100 PAGE 1 AND POINT 10.4.5
• TRANSLATION OF D3D POINT 10.4.5
• QUOTATION OF S16 UNITS FROM DAVIS DARBY TO BT PRODUCTS AB 2002
• TRUCK MODELS WHERE THE S16 SD16 WHERE INSTALLED
• TRANSLATION OF PART OF D3F
• INVOICE OF TWO SOLD C15 COMBI TRUCK WITH S16 UNITS
• INVOICE OF SOLD OPW 120 SPACE ORDER PICKER WITH S16 UNIT (P1
• J OM 236827 USER MANUAL OF OME 100
• INVOICE OF FOUR OSE 250 FLOOR CONVEYORS WITH S16 UNITS
• ORDER FOR C15 TRUCK INCLUDING S16 UNIT
• ORDER FOR ORION LPE 200 TRUCK INCLUDING SD16 TRUCKLOG
• ORDER FOR ORION LPE 200 INCLUDING SD16 TRUCKLOG
• ORDER FOR ORION LPE200 INCLUDING SD16 TRUCKLOG
• ROCLA, ABBOT, 2004
• WEBARCHIVE OF ROCLA ABBOT

Cited by
EP3088350A1; EP2508466A3; EP2945215A3; EP2279980A1; GB2460326A; GB2460326B; US11225404B2; US10013815B2; US10600256B2; US11823502B2; US9984341B2; US10599160B2; US10810521B2; US11947361B2

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US 2009216858 A1 20090827

DOCDB simple family (application)

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