

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  
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• 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  
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**EP 2033933 A2 20090311; EP 2033933 A3 20100609; EP 2033933 B1 20150819;** CN 101417778 A 20090429; DE 102007043472 A1 20090305;  
US 2009216858 A1 20090827

DOCDB simple family (application)

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