

Title (en)

Industrial truck with a sensor for detecting the surroundings and method for operating such an industrial truck

Title (de)

Flurförderzeug mit einem Sensor zur Erfassung einer räumlichen Umgebung und Verfahren zum Betreiben eines solchen Flurförderzeugs

Title (fr)

Chariot de manutention équipé d'un capteur pour détecter l'environnement spatial et procédé de fonctionnement d'un tel chariot de manutention

Publication

EP 2468678 B1 20150311 (DE)

Application

EP 11010035 A 20111221

Priority

DE 102010055774 A 20101223

Abstract (en)

[origin: EP2468678A1] The ground conveyor has a lifting frame (3), where a load support with two fork rakes (4) is guided on a lifting frame in height-adjustable manner. A sensor is arranged at the load support for detecting a spatial environment and an evaluation unit (6). The sensor is a time-of-flight camera system (5) with a light source, a light sensor and a light inlet opening, where the light inlet opening is arranged in an area adjacent to a tip of the fork rakes.

IPC 8 full level

B66F 9/075 (2006.01)

CPC (source: EP)

B66F 9/0755 (2013.01)

Citation (examination)

- US 2004083025 A1 20040429 - YAMANOUCHI TORAHICO [JP], et al
- "Time of flight camera system", 4 December 2010 (2010-12-04), WIKIPEDIA - INTERNET, XP055040558, Retrieved from the Internet <URL:http://de.wikipedia.org/w/index.php?title=TOF-Kamera&oldid=82262449> [retrieved on 20121010]

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EP3034452A1; EP3162755A1; WO2021254704A1; DE102016120386A1; DE102019113606A1; CN108357846A; EP3000771A1; EP2993155A1; US2023115109A1; EP3567001A1; EP3333116A1; CN108147321A; US2014034424A1; US9090432B2; EP3000772A1; CN105967104A; DE102015119988A1; US10430969B2; EP3514103A1; EP3617130A1; EP3950566A4; WO2020095602A1; US10289118B2; EP2767925A3; EP3434640A1; US9415985B1; US9828223B2; US10482760B2; US11899871B2; US11958687B2; DE102020207479A1; DE102015118634A1; DE102016102652A1; US9990535B2; US11591197B2; US11820634B2; US11912550B2; EP2767925A2; DE102013002554A1; US9589353B2; US10198805B2; US8718372B2; US8849007B2; US8885948B2; US8934672B2; US8938126B2; US8977032B2; US8995743B2; US9025827B2; US9025886B2; US9082195B2; US9087384B2; US10640347B2; US11180353B2; EP2886507B1

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