

Title (en)

Industrial truck with an environment sensor positioned close to the lifting mast

Title (de)

Flurförderzeug mit einem im Bereich eines Hubgerüsts angeordneten Umgebungssensor

Title (fr)

Chariot élévateur avec capteur environnemental positionné à proximité du mât de levage

Publication

EP 1764340 A3 20070627 (DE)

Application

EP 06018575 A 20060905

Priority

DE 102005043781 A 20050914

Abstract (en)

[origin: EP1764340A2] The truck has a proximity sensor (7) that is arranged in a region of a lifting frame, directed in a forward driving direction and designed as a camera. The proximity sensor is movably fastened to a shank carrier (5) of the lifting frame in vertical direction. The proximity sensor is pre-stressed into a position, in which the proximity sensor is provided below the shank carrier. A stopper (9) for the proximity sensor is arranged at the lifting frame such that the proximity sensor is moved upward relative to the shank carrier during a complete lowering of the shank carrier.

IPC 8 full level

B66F 9/075 (2006.01); **G05D 1/02** (2006.01)

CPC (source: EP)

B66F 9/0755 (2013.01)

Citation (search report)

- [A] US 5738187 A 19980414 - DAMMEYER NED E [US], et al
- [A] WO 2004103882 A1 20041202 - DAIMLER CHRYSLER AG [DE], et al
- [A] WO 03042916 A1 20030522 - 3M INNOVATIVE PROPERTIES CO [US]
- [A] GB 2308947 A 19970709 - I D SYSTEMS LTD [GB]
- [A] EP 0800129 A1 19971008 - FIAT OM CARRELLI ELEVATORI [IT], et al

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EP1995188A1; EP4137438A1; CN102009927A; CN114060653A; US9296912B2; US9932213B2; WO2010045391A3; US9340697B2; US10023755B2

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 LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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DOCDB simple family (application)

EP 06018575 A 20060905; AT 06018575 T 20060905; DE 102005043781 A 20050914; DE 502006002107 T 20060905