

Title (en)

Method of operating a fork-lift truck, a fork-lift truck, a computer program product, and a method of modifying a fork-lift truck

Title (de)

Verfahren zum Betrieb eines Gabelstaplers, Gabelstapler, Computerprogrammprodukt und Verfahren zum Verändern eines Gabelstaplers

Title (fr)

Procédé d'exploitation d'un chariot élévateur à fourche, chariot élévateur à fourche, produit de programme informatique et procédé de modification de chariot élévateur à fourche

Publication

EP 2955149 B1 20171220 (EN)

Application

EP 14172090 A 20140612

Priority

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Abstract (en)

[origin: EP2955149A1] The present disclosure relates to a fork-lift truck with support arms and a mast structure, arranged to provide a constant maximum lifting height independent of the position of the support arms, wherein the fork-lift truck further comprises, a lifting device, carried by the mast structure and movable along the mast structure. The fork-lift truck further comprises an elongated element comprising a magnetic or ferromagnetic material arranged on the lifting device. A sensor arranged on the mast structure is configured to sense a presence/absence of the elongated element. The fork-lift truck is operative to stop an upward movement of the lifting device when the sensor senses the presence of the elongated element in a case where the support arms are in an upright position, to provide the constant maximum lifting height. The fork-lift truck is further operative to ramp down the speed of the upward movement of the lifting device in a case where the support arms are in a lowered position and stop the movement of the lifting device when the lifting device has moved upwards a predetermined distance wherein the sensor sense the absence of the elongated element, to provide the constant maximum lifting height. The present disclosure further related to a method of operating a fork-lift truck and a method of modifying a fork-lift truck, such that the fork-lift truck is able to provide a constant maximum lifting height independent of the position of the support arms.

IPC 8 full level

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CPC (source: EP)

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