

Title (en)

Fork lift truck with automatic lift height control

Title (de)

Gabelstapler mit automatischer Hubhöhensteuerung

Title (fr)

Chariot élévateur à fourche doté d'un contrôle automatique de la hauteur de l'élévation

Publication

EP 2527288 B1 20130821 (EN)

Application

EP 11167826 A 20110527

Priority

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Abstract (en)

[origin: EP2527288A1] A fork lift truck is disclosed, comprising: a mast carrying forks which can be moved in height between a lowered position and desired raised positions; an operator control to be manually operated to move said forks; a fork height sensor; and a lift controller system. The lift controller system comprises: a memory including a plurality of pre-stored shelf heights and a controller. The controller is arranged to receive a lifting signal from the operator control for lifting forks of the industrial truck, thereby entering a manually controlled lifting mode, to determine that a condition for a lift stop assistance mode has been fulfilled, thereby entering a lift stop assistance mode, and to automatically reduce, in said lift stop assistance mode, the lifting signal from said operator control so that the lifting of said lifting forks stops at a height corresponding to the next pre-stored shelf height. A corresponding method is also disclosed.

IPC 8 full level

B66F 9/20 (2006.01)

CPC (source: EP)

B66F 9/20 (2013.01)

Cited by

CN107176564A; EP3023382A1; US2018004195A1; US10852717B2; US2022391064A1; US11317565B2; WO2018070922A1; US9309099B2; USRE49025E; US10754466B2; US10936183B2; US11054980B2; US9932213B2; US10430073B2; US10949083B2; US11899871B2; EP2848575B1; EP2848575B2

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