

Title (en)
HARVESTER PICK DECK SUSPENSION

Title (de)
DECKAUFHÄNGUNG EINER ERNTEMASCHINE

Title (fr)
SUSPENSION DE PLATEAU DE RAMASSAGE DE MOISSONNEUSE

Publication
EP 3923699 A1 20211222 (EN)

Application
EP 20755717 A 20200211

Priority
• US 201916272638 A 20190211
• US 2020017673 W 20200211

Abstract (en)
[origin: WO2020167772A1] A harvesting vehicle including a body, a plurality of wheels coupled to the body, and a pick deck coupled to the body. The pick deck can include a plurality of picking systems configured to be carried over plants growing in at least one plant bed to harvest crops of the plants. The pick deck can include at least one sensor system configured to provide distance measurement data of a height of the pick deck over the at least one plant bed. The harvesting vehicle also includes a plurality of actuators each adjustably coupling the pick deck to the body, and a suspension control system configured to adjust at least a vertical position of the pick deck with respect to the body based at least in part on the distance measurement data. Other embodiments are described.

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