

Title (en)

DRIVERLESS TRANSPORT VEHICLE HAVING A PAYLOAD LIFTING APPARATUS AND SECURING APPARATUS

Title (de)

FAHRERLOSES TRANSPORTFAHRZEUG MIT EINER NUTZLAST-HUBVORRICHTUNG UND SICHERUNGSVORRICHTUNG

Title (fr)

VÉHICULE DE TRANSPORT SANS CONDUCTEUR AYANT UN APPAREIL DE LEVAGE DE CHARGE UTILE ET UN APPAREIL DE FIXATION

Publication

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Application

EP 21731388 A 20210510

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Abstract (en)

[origin: WO2021233507A1] The invention relates to a driverless, in particular automatically guided transport vehicle (1) for conveying payloads (6, 7), in particular a material transport vehicle in a plant, having a payload lifting apparatus (2). In order to provide a transport vehicle of this type which is improved in respect of load securing, according to the invention the transport vehicle (1) has a retaining apparatus (3) for securing the load on the transport vehicle (1), the activation of which is forcibly coupled to the lifting movement of the lifting apparatus (2). The retaining apparatus has a locking fork (5) which can be moved from a retracted parked position to an extended locked position and, in the extended position, encompasses a traverse (7) attached to the payload or to a separate payload carrier (6) on at least two opposite sides, thus positively securing it.

IPC 8 full level

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CPC (source: EP KR US)

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Citation (search report)

See references of WO 2021233507A1

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