

Title (en)
SELF-PROPELLED VEHICLE FOR TRANSPORTING A LOAD CARRIER

Title (de)
SELBSTFAHRENDES FAHRZEUG ZUM TRANSPORT EINES LASTTRÄGERS

Title (fr)
VÉHICULE AUTOMOBILE POUR LE TRANSPORT D'UN PORTE-CHARGE

Publication
EP 4279438 A1 20231122 (EN)

Application
EP 23172726 A 20230511

Priority
NL 2031891 A 20220517

Abstract (en)
A self-propelled vehicle (1) for transporting a load carrier such as a pallet is described. The vehicle comprises two elongated fork bodies (2a, 2b). Each fork body comprises- an individual elongated chassis part (4a, 4b),- at least two running wheels (13, 14), at least one of which is connected to the chassis part, swivellably about a steering shaft (15a, 15b, 16a, 16b),- a drive unit for rotating at least two running wheels,- an individual loading body with an individual elongated load surface (8a, 8b) for supporting a load carrier thereon, and- a lifting unit for the vertical displacement of the individual loading body relative to the individual chassis part between a lower position and an upper position. The chassis parts of the two fork bodies are connected together swivellably about a swivel axis extending in the horizontal direction and perpendicular to the respective longitudinal directions of the fork bodies.

IPC 8 full level
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CPC (source: EP)
B66F 9/063 (2013.01); **B66F 9/07586** (2013.01)

Citation (applicant)
EP 3426593 B1 20200603 - MELKUS MECHATRONIC GMBH [AT]

Citation (search report)
• [A] US 2020148520 A1 20200514 - LUO TAO [CN]
• [A] CN 111071962 A 20200428 - SHANGHAI FINEEX CLOUD LOGISTICS TECH CO LTD

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