

Title (en)

TRAJECTORY PLANNING WITH FLEXIBLE OBSTACLE PLANNING FUNCTIONALITY

Title (de)

TRAJEKTORIENPLANUNG MIT FLEXIBLER UMPANUNGSFUNKTIONALITÄT - HINDERNIS

Title (fr)

PLANIFICATION DE TRAJECTOIRE AVEC FONCTIONNALITÉ DE REPLANIFICATION FLEXIBLE - OBSTACLE

Publication

EP 4186848 B1 20240515 (DE)

Application

EP 22209919 A 20221128

Priority

AT 509612021 A 20211130

Abstract (en)

[origin: US2023166947A1] An improved method for controlling a lifting device, which moves a load along a first movement direction and along a second movement direction within a specified working area of the lifting device from a starting point to an end point. Individual movements are planned for the first movement direction and for the second movement direction, by which the load is moved on while avoiding a collision with a changed or newly specified obstacle.

IPC 8 full level

B66C 13/46 (2006.01); **B66C 13/48** (2006.01); **B66C 19/00** (2006.01)

CPC (source: CN EP US)

B66C 13/063 (2013.01 - US); **B66C 13/46** (2013.01 - EP); **B66C 13/48** (2013.01 - CN EP); **B66C 15/045** (2013.01 - CN); **B66C 19/002** (2013.01 - EP)

Designated contracting state (EPC)

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EP 4186848 A1 20230531; **EP 4186848 B1 20240515**; CN 116199127 A 20230602; US 2023166947 A1 20230601

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EP 22209919 A 20221128; CN 202211522811 A 20221130; US 202218071042 A 20221129