

Title (en)

ROBOT COMPRISING A MAKE-SAFE DEVICE

Title (de)

ROBOTER MIT EINER ABFERTIGUNGSSICHERHEITSVORRICHTUNG

Title (fr)

ROBOT COMPRENANT UN DISPOSITIF DE MISE EN SÉCURITÉ

Publication

EP 4329466 A1 20240306 (FR)

Application

EP 22727758 A 20220429

Priority

- FR 2104562 A 20210430
- EP 2022061466 W 20220429

Abstract (en)

[origin: WO2022229383A1] Robot (100) comprising: - movement means (20) for moving in a direction of forward travel on a movement plane, - a control unit (30), - a make-safe device (10) comprising: # at least one feeler vane (11) forming a so-called detection surface (16), said detection surface being configured to move between at least two positions, extending in a first position referred to as the detection position as far as a predetermined distance from the movement plane, which distance is less than a characteristic dimension of an obstacle, # a means (13), connected to the control unit (30), for triggering the stopping of the robot (100) when the movement of the detection surface (16) exceeds an obstacle-detection threshold, # a movement device (12) for moving the detection surface (16) towards a so-called safety second position when the obstacle-detection threshold is exceeded.

IPC 8 full level

A01B 69/00 (2006.01); **A01D 34/00** (2006.01); **B60R 19/48** (2006.01)

CPC (source: EP)

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Citation (search report)

See references of WO 2022229383A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (application)

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