

Title (en)  
MOTORIZED VEHICLE HAVING AN ARTICULATED ARM FOR MOVING SOLID CONSTRUCTION MATERIAL, IN PARTICULAR SELF-LOCKING PAVING BLOCKS

Title (de)  
MOTORISIERTES FAHRZEUG MIT EINEM KNICKARM ZUM BEWEGEN VON FESTEM BAUMATERIAL, INSBESONDERE SELBSTSICHERNDEN PFLASTERSTEINEN

Title (fr)  
VEHICULE MOTORISÉ DOTÉ D'UN BRAS ARTICULÉ POUR LE DÉPLACEMENT DE MATÉRIAUX DE CONSTRUCTION SOLIDES, NOTAMMENT DE PAVÉS AUTOBLOQUANTS

Publication  
**EP 4361085 A1 20240501 (EN)**

Application  
**EP 23205405 A 20231024**

Priority  
IT 202200021858 A 20221024

Abstract (en)  
The motorized vehicle (10) for moving self-locking paving blocks comprises: a frame (12) with a pair of tracks (18); an articulated arm (14) with: a first arm element (24); a first hydraulic cylinder (30) to push, when driven, the first arm element (24) in rotation; a joint element (34) having a first, a second and a third hinge point (36;38;40), wherein the first arm element (24) is hinged on the first hinge point (36) of the joint element (34); a pair of second arm elements (26), arranged parallel to each other; a third arm element (28), hinged on the third hinge point (40) of the joint element (34); a second hydraulic cylinder (32) to push, when driven, the third arm element (28) in rotation; a pair of clamping members (16) adapted to be moved between a clamping position, wherein they maintain a row of self-locking paving blocks clamped, and a release position, wherein they are at a maximum distance from each other.

IPC 8 full level  
**B66F 9/065** (2006.01); **B66F 9/075** (2006.01); **B66F 9/18** (2006.01)

CPC (source: EP)  
**B66F 9/065** (2013.01); **B66F 9/07577** (2013.01); **B66F 9/183** (2013.01)

Citation (applicant)

- JP H0649500 U 19940708
- AU 6146673 A 19750417 - HUTCHINSON P R
- JP H0769593 A 19950314 - TAKENAKA KOMUTEN CO, et al
- CN 201442833 U 20100428 - LIAONING FUWA JINZHOU HEAVY MACHINERY CO LTD

Citation (search report)

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BA

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
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