

Title (en)
STEP APPARATUS FOR VEHICLE

Title (de)
SCHRITTVORRICHTUNG FÜR FAHRZEUGE

Title (fr)
DISPOSITIF DE SEUIL POUR VÉHICULE

Publication
EP 2617621 B1 20180815 (EN)

Application
EP 11825119 A 20110912

Priority
• JP 2010210268 A 20100918
• JP 2011070718 W 20110912

Abstract (en)
[origin: EP2617621A1] Provided is a vehicle step apparatus for which a space for accommodating the vehicle step apparatus when it is accommodated in a railway vehicle can be reduced. A pair of step links 11 are swingably supported by a step block 12 at supporting points. Ends of the pair of step links 11 on one side move only in a direction that is parallel to an opening width direction of a door due to a first guide portion 22, and the step block 12 moves only in a direction that is orthogonal to the opening width direction of the door due to a second guide portion 23. A pair of step plates 14, by which the other ends of the pair of step links 11 are supported, move between an accommodation position and a projection position. A sliding board 15 is arranged at a position of being offset with respect to the pair of step plates 14 in the up-and-down direction when at the accommodation position. A first actuator 16 drives the pair of step plates 14 so as to project outward from the railway vehicle 100 in the vehicle width direction.

IPC 8 full level
B61D 23/02 (2006.01)

CPC (source: EP)
B61D 23/025 (2013.01)

Cited by
DE102016125784A1; DE102016125784B4; WO2018134027A1

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EP 11825119 A 20110912; JP 2011070718 W 20110912; JP 2012533990 A 20110912; TW 100132190 A 20110907