

Title (en)
WHEELCHAIR DOCKING SYSTEM AND METHOD THEREOF

Title (de)
ROLLSTUHLANDOCKSYSTEM UND VERFAHREN DAFÜR

Title (fr)
SYSTÈME D'AMARRAGE POUR FAUTEUIL ROULANT ET PROCÉDÉ ASSOCIÉ

Publication
EP 4000572 A1 20220525 (EN)

Application
EP 20217237 A 20201224

Priority
US 202016952464 A 20201119

Abstract (en)
A wheelchair docking system including a frame having an upper portion and a lower portion, the upper portion being movable relative to the lower portion between a lowered position and a raised position. A coupler mechanism engages a wheelchair during a docking operation. The system also includes a first latching mechanism being movable between a retracted position and a latching position such that the first latching mechanism is spaced from the coupler mechanism. A second latching mechanism moves the upper portion of the frame between its lowered position and raised position. The first latching mechanism is partially retracted by a wheelchair during the docking operation, and the first latching mechanism is biased to its latching position when the coupler mechanism engages the wheelchair.

IPC 8 full level
A61G 3/08 (2006.01)

CPC (source: EP)
A61G 3/0808 (2013.01)

Citation (search report)

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Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 4000572 A1 20220525; EP 4000572 B1 20240508; EP 4000572 C0 20240508; CA 3139424 A1 20220519; EP 4389097 A2 20240626;
EP 4389097 A3 20240703

DOCDB simple family (application)
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