

Title (en)
A MOVING WALKING SYSTEM AND A HANDRAIL BRIDGING SYSTEM

Title (de)
EIN FAHRSTEIG UND EIN HANDLAUFBRÜCKENSYSTEM

Title (fr)
UN TAPIS ROULANT ET UN SYSTÈME COUVRANT / PONTAGE D'UNE MAIN COURANTE

Publication
EP 3549898 A1 20191009 (EN)

Application
EP 18382229 A 20180404

Priority
EP 18382229 A 20180404

Abstract (en)
The present invention refers to a moving walking system (10) comprising at least one walking platform (103) comprising a plurality of pallets (1031) and a handrail system (20) with at least two handrails in single line configuration. A first handrail (101) of the at least two handrails comprises a first end (101a) and a second end (101b), and a second handrail (102) of the at least two handrails comprises a first end (102a) and a second end (102b). The moving walking system (10) further comprises a bridging system (1) forming a bridge between the second end (101b) of the first handrail (101) and the first end (102a) of the second handrail (102), wherein the bridging system (1) comprises a movable part (11) and a fixed part (12), wherein the movable part (11) and the fixed part (12) are themselves contactable to form the bridge between the first handrail (101) and the second handrail (102). The movable part (11) is arranged in front of the fixed part (12) with respect to a moving direction (30) of the handrail system (20), and is adapted to work as an anti-trap protection for users of the handrail system (20). Besides, the invention refers to install a bridging system (1) to a moving walking system (10).

IPC 8 full level
B66B 29/04 (2006.01); **B66B 21/12** (2006.01); **B66B 23/26** (2006.01)

CPC (source: EP)
B66B 21/12 (2013.01); **B66B 23/26** (2013.01); **B66B 29/04** (2013.01)

Citation (applicant)
EP 0837026 A1 19980422 - MITSUBISHI HEAVY IND LTD [JP]

Citation (search report)
• [XAI] JP 2001106464 A 20010417 - ISHIKAWAJIMA HARIMA HEAVY IND
• [XAI] JP H11301957 A 19991102 - NIPPON KOKAN KK
• [A] JP 2003063767 A 20030305 - ISHIKAWAJIMA HARIMA HEAVY IND
• [A] JP H08208169 A 19960813 - MITSUBISHI HEAVY IND LTD

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 3549898 A1 20191009

DOCDB simple family (application)
EP 18382229 A 20180404