

Title (en)
GUIDE FOR LOADING AND UNLOADING EQUIPMENT

Title (de)
FÜHRUNG FÜR LADE- UND ENTLADESTATION

Title (fr)
GUIDE POUR INSTALLATION DE CHARGEMENT ET DÉCHARGEMENT

Publication
EP 3170786 A1 20170524 (EN)

Application
EP 15195052 A 20151117

Priority
EP 15195052 A 20151117

Abstract (en)
Guide system for loading/unloading equipment comprising a longitudinal trolley (4) with rolling elements (6, 7, 8, 9) arranged on both sides of the longitudinal trolley (4), which enters a truck trailer or container. The rotation speeds of the rolling elements (6, 7, 8, 9) on one side are independent from the rotation speeds of the rolling elements (6, 7, 8, 9) on the opposite side. It also comprises one or more preferably contactless position sensors on the longitudinal trolley (4) to sense the inside walls of the trailer or container and a control system that sets the different speeds of the rolling elements (6, 7, 8, 9) according to the measurements taken by the position sensors in order to centralise the longitudinal trolley inside the trailer or container.

IPC 8 full level
B66F 9/075 (2006.01); **B65G 67/20** (2006.01); **B66F 9/06** (2006.01)

CPC (source: EP)
B66F 9/063 (2013.01); **B66F 9/0755** (2013.01)

Citation (applicant)
• EP 2716591 A1 20140409 - MONTAJES DE MAQUINARIA DE PREC S A [ES]
• US 2005053451 A1 20050310 - GAGNON PIERRE [CA], et al

Citation (search report)
• [YD] US 2005053451 A1 20050310 - GAGNON PIERRE [CA], et al
• [Y] US 2010266381 A1 20101021 - CHILSON GERALD EDWARD [US], et al
• [AD] EP 2716591 A1 20140409 - MONTAJES DE MAQUINARIA DE PREC S A [ES]

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)
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EP 15195052 A 20151117; ES 15195052 T 20151117