

Title (en)

LOADING SYSTEM FOR EMPTYING A CONTAINER, VEHICLE PROVIDED THEREWITH, AND METHOD THEREFOR

Title (de)

LADESYSYSTEM ZUM ENTLEEREN EINES BEHÄLTERS, DAMIT VERSEHENES FAHRZEUG UND VERFAHREN DAFÜR

Title (fr)

SYSTÈME DE CHARGEMENT POUR VIDER UN RÉCIPIENT, VÉHICULE AINSI POURVU ET PROCÉDÉ ASSOCIÉ

Publication

EP 3184470 A1 20170628 (EN)

Application

EP 16205985 A 20161221

Priority

NL 2015999 A 20151221

Abstract (en)

The loading system (6) comprises a lifting and tilting mechanism (32) provided with a carrier (40), a lifting arm (34), a drive (46, 72) and a closing mechanism (33) operatively connected to the lifting and tilting mechanism (32) for enclosing a container (66) and provided with a clamping arm (52) embodied to enclose the container (66) together with the carrier (40) in a closed situation, wherein the clamping arm (52) is connected with a clamping pivot (54) to the carrier (40), a closing arm (58), wherein a first outer end is connected via a first pivot (60) to the loading system (6) and a second outer end is connected via a second pivot (62) to the clamping arm (52), wherein the distance (D) between a pivot shaft of the second pivot (62) and a tilting pivot shaft of the tilting pivot (38) is reduced during the lifting movement, and the loading system (6) further comprising a spring mechanism (64), wherein the spring mechanism (64) comprises a bias.

IPC 8 full level

B65F 3/04 (2006.01)

CPC (source: EP)

B65F 3/046 (2013.01); **B65F 2003/024** (2013.01); **B65F 2003/0296** (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 3184470 A1 20170628; NL 2015999 B1 20170630

DOCDB simple family (application)

EP 16205985 A 20161221; NL 2015999 A 20151221