

Title (en)

Loading system for lifting and emptying a container

Title (de)

Ladevorrichtung zum Heben und Entleeren eines Behälters

Title (fr)

Dispositif de chargement pour lever et vider un récipient

Publication

EP 2347978 B1 20200108 (EN)

Application

EP 10190679 A 20101110

Priority

NL 2004148 A 20100126

Abstract (en)

[origin: EP2347978A1] The loading system (4) comprises: - a frame (12) with coupling means mountable on the collector; - a lifting mechanism (14) connected to the frame (12) for lifting the container (6); - a drive system (36) operatively connected to the lifting mechanism (14), the drive system (36) comprising: - connecting means (40) for operatively connecting the drive system (36) to an external energy source (38); - an electric motor (46) and control means (44) for controlling the electric motor (46); - a hydraulic pump (48) driven by the electric motor (46) for hydraulically controlling a lifting cylinder (52) of the lifting mechanism (14); and - a hydraulic fluid reservoir (54) operatively connected to the hydraulic pump (48).

IPC 8 full level

B65F 3/00 (2006.01)

CPC (source: EP)

B65F 3/00 (2013.01); **B65F 2003/003** (2013.01); **B65F 2003/024** (2013.01); **B65F 2003/0286** (2013.01); **B65F 2003/0296** (2013.01)

Citation (opposition)

Opponent : Zöller-Kipper GmbH

- GB 602569 A 19480528 - ARCHIBALD GOODMAN FRAZER NASH
- DE 2515929 C2 19851212
- DE 2558466 A1 19770707 - EDELHOFF STAEDTEREINIGUNG, et al
- DE 2847259 A1 19800508 - ZOELLER KIPPER
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- DE 4005968 A1 19910829 - OTTO LIFT SYSTEME GMBH [DE]
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- EP 2072421 A1 20090624 - NORBA AB [SE]
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CN102424224A; EP4282784A1; CN108180189A; EP4074965A1; EP3473482A1; NL2019751B1; EP3862295A1; NL2024862B1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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