

Title (en)

Transport vehicle with container unloading device provided with weighing means.

Title (de)

Transportfahrzeug mit Behälterentladevorrichtung, ausgestattet mit einer Wiegevorrichtung.

Title (fr)

Véhicule de transport équipé d'un dispositif de décharge de récipients pourvu de moyens de pesage.

Publication

**EP 0420359 A1 19910403 (EN)**

Application

**EP 90202567 A 19900927**

Priority

NL 8902432 A 19890929

Abstract (en)

Transport vehicle (1) with a loading space provided with a loading opening (3) and a container unloading device (4) comprising a container carrier (6), provided with gripping means (9) for gripping and supporting a container on a side and lifting means (15) connected to the container carrier for raising the container carrier to the loading opening. The container carrier comprises a first subframe (25) directly connected to the lifting means and, connected to the first sub-frame by vertical guiding means (8), a second sub-frame (32) bearing the gripping means, wherein the vertical guiding means permit only an at least practically vertical, parallel displacement of the second sub-frame relative to the first, and on one of both sub-frames a force sensor (34) is arranged on which the other sub-frame lies gripping in a downward direction and wherein processing means connected to the force sensor are arranged which can process an output signal delivered by the force sensor into a weight-value.

IPC 1-7

**B65F 3/04**

IPC 8 full level

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CPC (source: EP)

**B65F 3/08** (2013.01); **B65F 2003/022** (2013.01)

Citation (search report)

- DE 9707422 U
- EP 0186820 A2 19860709 - PONTECH GMBH [DE]
- DE 8619532 U1 19871126

Cited by

DE4134344A1; CN112777183A; CN105292870A; EP0761568A1; US6494665B1; NL9201042A; ES2339628A1; EP2576398A4; CN105292872A; GB2405395A; GB2405395B; WO0069757A1; US7211747B2; KR101100670B1

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