

Title (en)

Automatic storage unit for waste collection skips

Title (de)

Automatische Lagereinrichtung für Müllbehälter

Title (fr)

Installation de stockage automatique pour bennes à ordures

Publication

**EP 0974535 A1 20000126 (EN)**

Application

**EP 99113707 A 19990713**

Priority

IT MI981722 A 19980724

Abstract (en)

An automatic unit for the storage of waste collection skips (11A-11C) into a pit (10). The unit comprises a pit (10) defining a storage space, and an automatic conveying system for moving skips (11A-11C) along a storage path , inside the pit (10). The conveying system comprises at least first and second elevators (12, 13) each one provided with guide tracks (20A-20C) defining the storage path for the support and moving of the skips (11A, 11C) to be positioned and aligned on several storage levels. A horizontal translation system (23'), at each storage level of the tracks (20A-20C), co-operates in a controlled manner with the elevators (12, 13) to perform selective movements and recirculation of the skips (11A-11C), as well as to allow the partial or total exit of a skip (11A, 11C) in a predetermined pick-up zone at the open-top side of the storage pit (10). <IMAGE>

IPC 1-7

**B65F 1/14**

IPC 8 full level

**B65F 1/14** (2006.01)

CPC (source: EP)

**B65F 1/1447** (2013.01); **B65F 1/1457** (2013.01)

Citation (search report)

- [A] DE 29708136 U1 19980102 - NEUMANN ALFRED [DE]
- [A] DE 9307149 U1 19931007 - KOHLERT JENS [DE]
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Designated contracting state (EPC)

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