

Title (en)

Lift station in a surface treatment plant.

Title (de)

Hubstation in einer Oberflächenbehandlungsanlage

Title (fr)

Station de levage dans une installation de traitement de surface.

Publication

**EP 1746068 A1 20070124 (DE)**

Application

**EP 05015923 A 20050722**

Priority

EP 05015923 A 20050722

Abstract (en)

The station has a stationary support structure (12) and a vertically displaceable lifting slide (22) that is supported on the support structure (12) and is arranged on a conveyer system (38). An electrical sliding contact (48) and two opposing contacts (52, 58) transmit electrical energy to the conveyer system only in a selected lifting position of the lifting slide (22). A lower and upper dead center of the slide pertains to the selected position. Energy storage is arranged on the slide to store the energy transmitted by the contacts. An independent claim is also included for a surface treatment plant comprising a lifting station.

IPC 8 full level

**B66F 9/20** (2006.01); **B66F 9/075** (2006.01)

CPC (source: EP)

**B66F 9/02** (2013.01); **B66F 9/205** (2013.01)

Citation (search report)

- [XA] WO 2005002998 A1 20050113 - SEW EURODRIVE GMBH & CO [DE], et al
- [X] US 1627959 A 19270510 - KEPPEL DISNEY
- [A] US 5330305 A 19940719 - GO JUNICHI [JP]
- [A] PATENT ABSTRACTS OF JAPAN vol. 2003, no. 07 3 July 2003 (2003-07-03)
- [A] PATENT ABSTRACTS OF JAPAN vol. 2002, no. 04 4 August 2002 (2002-08-04)

Designated contracting state (EPC)

AT DE FR IT

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

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