

Title (en)

SYSTEMS AND METHODS FOR HANDRAIL CLEANING

Title (de)

SYSTEME UND VERFAHREN ZUR HANDLAUFREINIGUNG

Title (fr)

SYSTÈMES ET PROCÉDÉS DE NETTOYAGE DE MAIN COURANTE

Publication

**EP 3569560 A1 20191120 (EN)**

Application

**EP 19151867 A 20190115**

Priority

US 201815977978 A 20180511

Abstract (en)

The invention relates to a system for cleaning a handrail comprising a mobile cart (500), a stanchion (560) extending from the mobile cart (500) and a cleaning pad carriage configured to removably attach to the stanchion (560), the cleaning pad carriage including a mounting bracket (566) and a pad to clean the handrail, the pad configured to removably mount to the mounting bracket (566). The invention further relates to a system for cleaning a handrail comprising a base support structure, a stanchion (560) disposed on a forward portion of the base support structure, and at least one pad to clean the handrail, the at least one pad supported vertically at a position above the base support structure along the stanchion (560).

IPC 8 full level

**B66B 31/02** (2006.01)

CPC (source: CN EP)

**A47L 13/16** (2013.01 - CN); **A47L 13/50** (2013.01 - CN); **B66B 31/02** (2013.01 - EP)

Citation (search report)

- [X] CN 108002201 A 20180508 - CHEN AIZHEN
- [X] JP 2013006645 A 20130110 - MITSUBISHI ELECTRIC ENG
- [X] CN 207330100 U 20180508 - TIANJIN SANZHI ELEVATOR CO LTD
- [X] CN 201670641 U 20101215 - SUZHOU CITY CHRYSCE ELEVATOR CO LTD

Designated contracting state (EPC)

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Designated extension state (EPC)

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**EP 3569560 A1 20191120**; CN 110464267 A 20191119; JP 2019206438 A 20191205; JP 6735999 B2 20200805

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