

Title (en)  
Apparatus and system for the external cleaning of containers for loose substances

Title (de)  
Vorrichtung und System zur Außenreinigung von Behältern für lose Stoffe

Title (fr)  
Appareil et système pour le nettoyage extérieur de contenants de substances en vrac

Publication  
**EP 2821149 B1 20170920 (EN)**

Application  
**EP 13175003 A 20130704**

Priority  
EP 13175003 A 20130704

Abstract (en)  
[origin: EP2821149A1] An apparatus (10) and a system for the external cleaning of containers (12) for loose substances comprise a table (13) supporting the containers (12) having a spraying zone (14) provided with a plurality of openings, a plurality of spray nozzles (16) and a hopper (17) for collecting a cleaning fluid, dirt or pollutants, in a position below the support table (13). The apparatus and the cleaning stations (10) of the system comprise air sucking side walls (23) arranged peripherally on the support table (13) for the containers (12). A single device (11) for grasping the containers (12) transfers the dirty containers (12) to a spraying zone (14) of the apparatus, or of the system, respectively transfers the clean containers from the spraying zone (14) to a deposition point.

IPC 8 full level  
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Cited by  
CN110447318A; CN109513649A; CN110732518A; US11723328B2; CN108745997A; CN105013730A; CN105747995A; CN104959335A; CN106423922A; CN106269620A; CN109731819A; JP2021195216A; US11951610B2; US11975442B2

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