Title (en)

Method of emptying a refuse collecting container by air avacuating

Title (de)

Verfahren zum Entleeren eines Müllsammelbehälters durch Luftevakuierung

Title (fr)

Procédé pour vider une récipient collecteur d'ordures par dépression

Publication

EP 0594547 B1 19961106 (DE)

Application

EP 93850152 A 19930804

Priority

SE 9203049 A 19921019

Abstract (en)

[origin: EP0594547A1] Method of emptying a refuse-collecting container by air evacuation, the container (1) being connected via a first valve (4) to a refuse feed line (3), for example in the form of a refuse shaft arranged in a multi-family dwelling. The refuse-collecting container can be connected via a second, valve-controlled aperture in the base of the container to a refuse removal line (5), which for its part can be connected to a collecting chamber located in a refuse vehicle, it being possible for the latter chamber to be made empty of air in order to achieve a necessary suction effect. The interior of the container can be connected to atmospheric air by at least one valve-controlled aperture (8, 9). On emptying the container, the first valve is kept open during a first evacuation stage. In a second evacuation stage, after at least a partial vacuum has been achieved in the container, atmospheric air is introduced below the refuse bags which have collected in the collecting zone in the container, and in a third evacuation stage a further stream of atmospheric air is introduced into the interior of the container above the refuse collecting zone. <IMAGE>

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B65F 5/00

IPC 8 full level

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CPC (source: EP)

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