

Title (en)

DEVICE FOR EVACUATING A CONTAINER WITH PASTY LIQUID

Title (de)

VORRICHTUNG ZUM EVAKUIEREN EINES BEHÄLTERS MIT PASTÖSER FLÜSSIGKEIT

Title (fr)

DISPOSITIF D'ÉVACUATION D'UN CONTENANT AVEC UN LIQUIDE PÂTEUX

Publication

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Application

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Abstract (en)

[origin: WO2018167205A1] The invention relates to device (2), for evacuating a container (4) that contains a pasty liquid (6), for avoiding air inclusions or bubbles in the liquid (18) while the container (4) is being filled with the liquid (18), for eliminating air between the material surface (6) of the liquid (18) contained in the container (4) and a follower plate (10) until said follower plate contacts the liquid surface (6) during the insertion of the follower plate (10) into the container (4) before removal of the liquid (18), comprising a cover assembly, which is designed to close an opening of a container (4) in a vacuum-tight manner and which has a connection device (14), which is arranged on the outside of the cover assembly and which is designed for connecting an evacuation pump (29), and comprising a collapse avoidance apparatus (22), which is designed to surround at least one region of the outer faces of walls of the container (4) by means of a seal (24) surrounding the region and to connect to the wall outer face (26) in a vacuum-tight manner and to form a vacuum-tight collapse avoidance chamber (28) together with the wall outer face (26), which collapse avoidance chamber has a connection device (14), which is designed for connecting an evacuation pump (29), such that, when the collapse avoidance chamber (28) is evacuated, the vacuum therein acts on the wall outer face (26).

IPC 8 full level

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