

Title (en)
Evacuation apparatus

Title (de)
Entleerungsvorrichtung

Title (fr)
Appareil d'évacuation

Publication
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Application
EP 07018944 A 20070926

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Abstract (en)
The present invention proposes an evacuation apparatus including a mechanical booster pump (5), a back pump (3) placed at a down-stream side of the mechanical booster pump in series, the booster pump (5) having discharge openings (27a and 27b) for discharging a low compression gas and a discharge opening (29) for discharging a high compression gas, and, in a stage where gas-discharging is started, the gas is discharged toward the ambient side only through the discharge opening (29) for discharging a high compression gas with the operation of the mechanical booster pump and, in a stage where the discharged gas pressure reaches afterward a medium vacuum, the back pump starts operation and the gas is sent to the back pump only through the discharge openings (27a and 27b) for discharging a low compression gas.

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Citation (search report)
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