

Title (en)
HOSE PUMP

Title (de)
SCHLAUCH-PUMPE

Title (fr)
POMPE PÉRISTALTIQUE

Publication
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Application
EP 21819740 A 20211122

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Abstract (en)
[origin: WO2022112183A1] The aim of the invention is to allow the use of an inexpensive hose pump (1) as a conveyor pump, for conveying to a load (104), in a discharge device (100), in which the air chamber in the storage container is connected to a vacuum pump (102) via a negative pressure connection. This is achieved in that in order to restore the shape of the hose (2) after being pressed together, either negative pressure or even a vacuum is used on the exterior of the hose (2) in the interior (6) of the hose pump (1) or the shape is mechanically restored. The hose (2) can be deformed by rigid pressing elements (8) or by flexible pressing cushions (23) or pressing collars (24), preferably comprising individual chambers (18a-d) one behind the other.

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