

Title (en)
HOSE PUMP

Title (de)
SCHLAUCHPUMPE

Title (fr)
POMPE PÉRISTALTIQUE

Publication
EP 3879104 B1 20230726 (DE)

Application
EP 21157044 A 20210215

Priority
DE 102020106372 A 20200309

Abstract (en)
[origin: US2021277884A1] A peristaltic pump for conveying a fluid guided in a hose includes a hose bed having a counter bearing to accommodate the hose, a support disk rotatable relative to counter bearing, a plurality of squeeze rolls positioned in the peripheral direction on the support disk and a plurality of guide rollers positioned in the peripheral direction on the support disk with a guide groove extending in the peripheral direction on its outer circumference, which forms a first guide plane facing the support disk. In order to be able to provide reliable loading and unloading of different hoses with different properties into the hose bed or from the hose bed, each guide roller has a guide cylinder above the guide groove to guide the hose during loading into the hose bed and/or during unloading from the hose bed.

IPC 8 full level
F04B 43/12 (2006.01)

CPC (source: CN EP RU US)
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