

Title (en)  
PERISTALTIC PUMP

Title (de)  
SCHLAUCHPUMPE

Title (fr)  
POMPE PÉRISTALTIQUE

Publication  
**EP 1825144 B1 20100519 (EN)**

Application  
**EP 05794814 A 20051020**

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Abstract (en)  
[origin: EP1662142A1] Peristaltic pump comprising : a pump body (3) with a face containing at least a first groove (4) covered by a flexible membrane (2) fixed to said pump body (3), in such a way as to form a fluid tight channel, said membrane (2) furthermore comprising a sealing ridge (19) which is in permanent contact against said groove (4) so as to obtain a resting fluid tight sealing segment in the channel, a movable pressure element (7) adapted to temporarily press a portion of the membrane (2) above said groove (4) and form a moving sealing segment in the channel, driving means (8) adapted to move said movable pressure element (7) along said groove, characterized in that said driving means (8) are adapted to move said movable pressure element (7) exclusively along a plane which is parallel to said pump body face, said sealing ridge (19) and/or said groove (4) being adapted to let said movable pressure element (7) in said parallel plane when moving over said sealing ridge (19).

IPC 8 full level  
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