

Title (en)
PERISTALTIC PUMP

Title (de)
PERISTALTIKpumpe

Title (fr)
POMPE PERISTALTIQUE

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Abstract (en)
[origin: WO2004109109A1] The invention relates to a peristaltic pump comprising a tube-tube bed unit (1) which is connected in a rigid manner to the tube (3) in the pressed region (5) and which can not be separated from the tube bed (2). The tube-tube bed unit (1) comprises features or means (6, 6') which enable the pump to be fixed in a simple, precise and reproducible manner in relation to the rotor. In the pressed region (5), the tube (3) can be effectively prevented from being displaced or stretched corresponding to the decrease in the cross-section due to the tube-tube bed unit (1) and twisting of the tube (3) around the longitudinal axis is impossible in principle. The tube-tube bed unit (1) comprises a marking area, integrated tube clamping areas and grips (18, 18'). Preferably, the tube-tube bed unit (1) is produced by firmly and non-detachably connecting a tube bed (2), produced according to the inventive method, to a tube, which has a contact surface (4) which is adjusted to the tube bed (2), by means of adhesive or welding or by coextruding the tube (3) and the tube bed (2).

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