

Title (en)
BUTTON-BALLOON SYSTEM

Title (de)
BUTTON-BALLOON-SYSTEM

Title (fr)
SYSTEME DE BOUTON A BALLONNET

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Application
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Abstract (en)
[origin: WO02087492A1] The invention relates to a balloon-button system or a catheter for performing percutaneous enteral feeding, comprising a holding part (2), which can be placed on the abdominal wall, and a probe tube (3), which extends from the holding part (2) while being connected thereto and via which the nourishment that is inserted through a connecting part (4) situated in the holding part (2) can be introduced into the stomach lumen. The probe tube (3) forms, in the distal area thereof, an inner tube (8) and an outer tube (6) that surrounds the same. The outer tube (6) is formed by turning the inner tube (8) inside out at the distal end (10) of the latter and by pulling it back, and is joined, at its proximal end (12), to the inner tube (3) in a fluid-tight manner. The outer tube can be expanded to form a balloon (7) by introducing water or the like via a supply line (16), which extends from the holding part (2) and which discharges between the outer tube (6) and the inner tube (3). This system is characterized in that the probe tube (3) surrounds a protective tube (5), and the protective tube (5) has a higher Shore A hardness than the probe tube (3). This results in providing the material that forms the balloon with a sufficiently high degree of flexibility. In addition, the protective tube (5) renders the system sufficiently sturdy.

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