

Title (en)

Feeding tube and system for feeding, gastric decompression or drainage

Title (de)

Sonde zur enteralen Ernährung und Sondensystem zur enteralen Ernährung und gastralen Dekompression oder Drainage

Title (fr)

Tube gastronomique et système d'alimentation, décompression gastrique ou drainage

Publication

EP 2283801 B1 20140723 (DE)

Application

EP 10193672 A 20050409

Priority

- EP 05739459 A 20050409
- DE 102004023078 A 20040511

Abstract (en)

[origin: WO2005110337A1] The invention relates to an enteral feeding tube comprising a jejunal tube (2) which is arranged in jejunum and comprises a proximal end, a distal end (3, 4), and a lumen (5) between said two ends. Said tube (2) comprises an at least double-layer structure with an outer first layer (2a) and a second layer (2b) adjacent to the outer layer, the first layer (2a) consisting of a material which is harder than the material of the second layer (2b). Preferably, the tube has a triple-layer structure with an outer layer (2a), an inner layer (2b), and an internal layer (2c), the internal layer (2b) being softer than the outer and inner layers (2a, 2c). The multiple-layer structure of the tube consisting of materials of different hardnesses improves the flexibility, advancing behaviour and buckling resistance of the feeding tube. The invention also relates to a tube system consisting of the feeding tube and a gastric tube.

IPC 8 full level

A61J 15/00 (2006.01)

CPC (source: EP US)

A61J 15/00 (2013.01 - EP US); **A61J 15/0069** (2013.01 - EP US); **A61J 15/0023** (2013.01 - EP US); **A61J 15/0073** (2013.01 - EP US)

Citation (examination)

- DE 20117903 U1 20020328 - SCHEU ROLF RAINER [DE]
- EP 0807446 A2 19971119 - CORDIS CORP [US]

Citation (opposition)

Opponent : preOx.RS GmbH

- DE 8705894 U1 19870619
- DE 202004003466 U1 20050714 - FRESENIUS KABI DE GMBH [DE]
- DE 10154864 A1 20030528 - FRESENIUS KABI DE GMBH [DE]
- 1998, Berlin, pages: 804, 1475, XP055363919

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005110337 A1 20051124; AT E545402 T1 20120315; DE 102004023078 B3 20060119; EP 1744718 A1 20070124; EP 1744718 B1 20120215; EP 2283801 A2 20110216; EP 2283801 A3 20121212; EP 2283801 B1 20140723; US 2008097348 A1 20080424

DOCDB simple family (application)

EP 2005003754 W 20050409; AT 05739459 T 20050409; DE 102004023078 A 20040511; EP 05739459 A 20050409; EP 10193672 A 20050409; US 59603205 A 20050409