

Title (en)

DEVICE FOR TREATING FLEXIBLE TUBULAR STRUCTURES HAVING AT LEAST ONE OPENING

Title (de)

VORRICHTUNG ZUR BEHANDLUNG VON FLEXIBLEN SCHLAUCHARTIGEN GEBILDEN MIT WENIGSTENS EINER ÖFFNUNG

Title (fr)

DISPOSITIF DE TRAITEMENT DE STRUCTURES TUBULAIRES SOUPLES PRÉSENTANT AU MOINS UNE OUVERTURE

Publication

EP 2035283 A1 20090318 (DE)

Application

EP 07764723 A 20070620

Priority

- EP 2007005399 W 20070620
- DE 102006028796 A 20060623

Abstract (en)

[origin: WO2007147566A1] The invention relates to a device for treating flexible tubular structures having at least one opening, especially bags (1). Said device comprises at least one gripper (3, 4) holding the structure by its opening, at least one guide gripper (3) and a sequential gripper (4). The invention is characterized in that the guide gripper (3) and the sequential gripper (4) are connected to different guide trains (5, 6) that can be displaced towards each other.

IPC 8 full level

B65B 43/46 (2006.01); **B65B 59/00** (2006.01); **B65G 17/26** (2006.01)

CPC (source: EP US)

B65B 43/30 (2013.01 - EP); **B65B 43/465** (2013.01 - EP US); **B65B 59/003** (2019.04 - EP US); **B65B 59/005** (2013.01 - EP US); **B65G 17/26** (2013.01 - EP US)

Citation (search report)

See references of WO 2007147566A1

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 LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

DE 102006028796 A1 20071227; BR PI0712288 A2 20120110; CN 101506048 A 20090812; EP 2035283 A1 20090318; JP 2009541149 A 20091126; MX 2008016435 A 20090218; RU 2009102072 A 20100810; US 2009158694 A1 20090625; WO 2007147566 A1 20071227

DOCDB simple family (application)

DE 102006028796 A 20060623; BR PI0712288 A 20070620; CN 200780031390 A 20070620; EP 07764723 A 20070620; EP 2007005399 W 20070620; JP 2009515758 A 20070620; MX 2008016435 A 20070620; RU 2009102072 A 20070620; US 34156408 A 20081222