

Title (en)
PHONATION ASSISTANCE DEVICE FOR A TRACHEOTOMY PATIENT

Title (de)
VORRICHTUNG ZUR UNTERSTÜTZUNG DER PHONATION FÜR EINEN TRACHEOTOMIE-PATIENTEN

Title (fr)
DISPOSITIF D'ASSISTANCE À LA PHONATION POUR UN PATIENT TRACHÉOTOMISÉ.

Publication
EP 2427242 A1 20120314 (FR)

Application
EP 10727101 A 20100505

Priority
• FR 2010050858 W 20100505
• FR 0953058 A 20090507

Abstract (en)
[origin: WO2010128250A1] The invention relates to a phonation assistance device (24) for a tracheotomy patient (12), including: an exhalation circuit (30) connected to a tracheotomy cannula (26) inserted in the trachea (22) of the patient (12), the exhalation circuit (30) including an outlet opening (38) for the passage of the air exhaled by the patient (12); and a valve (40) for opening/closing the outlet opening (38) for normally assuming, when the patient (12) inhales, a position for closing the outlet opening (38) and, when the patient (12) exhales, a position for closing the outlet opening (38). It also includes means (M) for the positive priority control of the valve (40) for selectively moving the valve (40) into the closed position when the patient (12) exhales.

IPC 8 full level
A61M 16/04 (2006.01); **A61M 16/00** (2006.01); **A61M 16/20** (2006.01)

CPC (source: EP US)
A61M 16/0468 (2013.01 - EP US); **A61M 16/20** (2013.01 - EP US); **A61M 16/202** (2014.02 - EP US); **A61M 16/205** (2014.02 - EP US); **A61M 16/206** (2014.02 - EP US); **A61M 16/0066** (2013.01 - EP US)

Citation (search report)
See references of WO 2010128250A1

Citation (examination)
US 4699137 A 19871013 - SCHROEDER GERHARDT P [US]

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
WO 2010128250 A1 20101111; EP 2427242 A1 20120314; FR 2945217 A1 20101112; FR 2945217 B1 20120921; US 2012145156 A1 20120614

DOCDB simple family (application)
FR 2010050858 W 20100505; EP 10727101 A 20100505; FR 0953058 A 20090507; US 201013319273 A 20100505