

Title (en)
NOSE MASK

Title (de)
NASENMASKE

Title (fr)
MASQUE NASAL

Publication
EP 1658882 A4 20080507 (EN)

Application
EP 04762123 A 20040825

Priority
• CN 2004000987 W 20040825
• CN 03155958 A 20030827

Abstract (en)
[origin: EP1658882A1] The present invention relates to a nasal mask comprising a pair of main bodies, which respectively form a containing space having an opening end and a through-hole end; a connecting member for connecting the edges of the opening ends of said pair of main bodies; and a filtration device disposed inside the containing space of said main bodies; characterized in which an alar projection is disposed at the upper brim of the opening end of said main bodies, which seals with the superior alar nasi of nasal cavity and said main bodies forms a structure sealed with said nasal cavity. The main bodies of the nasal mask is made of soft elastic material and seals with the nasal cavity through the arrangement of an alar projection at the upper margin of the opening end of said main bodies that provides the wearer a sense of comfort. Furthermore, through the arrangement of a detachment prevention means in the form of septal cartilage plug at the upper rim of through-hole end of said main bodies, it adds to the fit of said main bodies to the structural features of nasal cavity to prevent it from dropping. Also, bactericidal and/or bacteriostatic filter can be placed in the filtration device disposed in the retainer space to achieve filtering effect or foamed microcapsule containing medication for timed release may be placed in the main body to achieve health and therapeutic effect.

IPC 8 full level
A62B 9/06 (2006.01); **A62B 23/06** (2006.01)

CPC (source: EP)
A62B 23/06 (2013.01)

Citation (search report)
• [XY] US 3905335 A 19750916 - KAPP GERALD J
• [Y] FR 2210109 A5 19740705 - CULIE PAUL [FR]
• [Y] DE 20101539 U1 20010613 - ZIMMERMAN AUGUSTIN [DE]
• [X] US 6561188 B1 20030513 - ELLIS ALAN D [US]
• [A] WO 0141629 A2 20010614 - PROHALE INC [US], et al
• See references of WO 2005035066A1

Cited by
ES2936757A1

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1658882 A1 20060524; EP 1658882 A4 20080507; JP 2007503230 A 20070222; WO 2005035066 A1 20050421

DOCDB simple family (application)
EP 04762123 A 20040825; CN 2004000987 W 20040825; JP 2006524201 A 20040825