

Title (en)
MOISTURE-HEAT EXCHANGER UNIT

Title (de)
FEUCHTIGKEITSWÄRMEAUSTAUSCHER

Title (fr)
APPAREIL ECHANGEUR DE CHALEUR HUMIDE

Publication
EP 1689475 A2 20060816 (EN)

Application
EP 04810261 A 20041102

Priority
• US 2004036596 W 20041102
• SE 0302959 A 20031110

Abstract (en)
[origin: WO2005047797A2] The invention relates to a moisture-heat exchanger unit for tidal air of a patient. The unit comprises a housing (42, 43) arranged for the flowing through of the air. In the housing (42, 43), a filter (44) having the capability of absorbing and desorbing moisture is arranged. According to the invention, there is a rotary valve (48, 49) arranged in the housing (42, 43) for the provision of two alternative flow paths of the air through the housing (42, 43). A first flow path entails that the air flows through the filter (44) and a second flow path entails that the air flows through the housing (42, 43) without flowing through the filter.

IPC 8 full level
A61M 15/00 (2006.01); **A61M 16/00** (2006.01); **A61M 16/10** (2006.01); **A61M 16/20** (2006.01); **A62B 7/00** (2006.01); **A62B 7/10** (2006.01); **A62B 9/00** (2006.01); **A62B 18/08** (2006.01); **A62B 19/00** (2006.01); **A62B 23/02** (2006.01); **F23D 14/00** (2006.01); **F24J 3/00** (2006.01)

IPC 8 main group level
A61M (2006.01); **F28C** (2006.01)

CPC (source: EP)
A61M 16/1045 (2013.01); **A61M 16/20** (2013.01); **A62B 9/003** (2013.01)

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