Title (en)
 DOOR SEALING SYSTEM

Title (de)
 TÜRDICHTUNGSSYSTEM

Title (fr)
 SYSTÈME D'ÉTANCHÉITÉ DE PORTE

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Application
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 • CH 8802009 A 20090609

Abstract (en)
 [origin: WO2010142053A1] A door sealing system for fastening to a door comprises a guide rail (1) extending approximately over the entire width of the door and a sealing element (3). The guide rail (1) has a substantially U-shaped cross-section. The sealing element (3) is held in the guide rail (1) and, when the door is closed, seals a gap between the door and a floor and/or a ceiling. The guide rail (1) has an outside, which is formed substantially by two lateral walls (14) that are substantially parallel to each other and by a bridge (13) connecting said two lateral walls (14) to each other. The door sealing system further has an air channel (L), which ensures air circulation from a first side of the door to a second side of the door. The air channel (L) runs along said outside of the guide rail (1). According to the invention, a sound-absorbing resonator (10, 70, 11, 71) is present in the air channel (L). Said door sealing system enables the most light-tight and sound-proof closure possible and nonetheless allows good air circulation from one side of the door to the other side.

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