

Title (en)  
SEAL FOR A SILL-FREE DOOR

Title (de)  
DICHTUNG FÜR EINE SCHWELLENLOSE TÜR

Title (fr)  
ÉLÉMENT D'ÉTANCHÉITÉ POUR PORTE SANS SEUIL

Publication  
**EP 3245375 A1 20171122 (DE)**

Application  
**EP 16700045 A 20160105**

Priority  
• EP 15151330 A 20150115  
• EP 2016050072 W 20160105

Abstract (en)  
[origin: WO2016113149A1] A seal for a sill-free door for sealing a gap between a door leaf and a floor has a carrier rail (2) and a sealing profile (3) retained on the carrier rail (2). The sealing profile (3) has a substantially u-shaped cross section with two limbs (30) and a sealing crosspiece (32), which connects the two limbs (30) to one another and is intended for bearing with sealing action on the floor. There is a cavity (37) present, said cavity being defined by an underside (23) of the carrier rail (2), by the limbs (30) and by the sealing crosspiece (32), wherein the sealing profile (3), on each limb (30), has at least one strip (34) which is arranged on an inner side of the limb (30), projects into the cavity and is intended for improving the sound insulation. At least two strips (34) have a thickness which is greater than the thickness of the adjacent region of the limb (30). Said seal has optimized sound insulation.

IPC 8 full level  
**E06B 7/20** (2006.01); **E06B 7/21** (2006.01)

CPC (source: CN EP KR US)  
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Citation (search report)  
See references of WO 2016113149A1

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DOCDB simple family (publication)  
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