

Title (en)  
SOUNDPROOF DOOR

Publication  
**EP 0460653 A3 19921014 (DE)**

Application  
**EP 91109211 A 19910606**

Priority  
DE 9006429 U 19900607

Abstract (en)  
[origin: EP0460653A2] The soundproof door is provided with a run-on or hump threshold (18) against which at least one profiled sealing strip (36; 38) lies in a sealing manner when the door is closed. The profiled sealing strip has a convex lower edge and is held by a profiled holding strip (40; 42) which is arranged at the underside of the door leaf (12). By virtue of the rounding of the lower edge of the profiled sealing strip (36, 38), the latter does not bend over upon closure of the door when running against the sloping surface (20) of the run-on threshold (13). The profiled sealing strip (36; 38) is also prevented from such a bending-over by the profiled holding strip, whose legs (40b; 42b) enclose a relatively large area of the profiled sealing strip (36; 38). <IMAGE>

IPC 1-7  
**E06B 7/23**

IPC 8 full level  
**E06B 5/20** (2006.01); **E06B 7/23** (2006.01)

CPC (source: EP)  
**E06B 5/20** (2013.01); **E06B 7/2316** (2013.01)

Citation (search report)  
• [X] GB 1053346 A  
• [X] DE 3245831 A1 19830623 - GRUENZWEIG & HARTMANN MONTAGE [DE]  
• [Y] US 2922202 A 19600126 - KODARAS MICHAEL J  
• [Y] DE 8616133 U1 19860821  
• [Y] DE 836248 C 19520410 - SCHMITZ PAUL  
• [A] US 3755968 A 19730904 - WILLIAMS C  
• [Y] DEUTSCHE BAUZEITSCHRIFT - DBZ, Band 1977, Nr. 04, 1. April 1977, Gutersloh, DE; "Türdichtungen"

Cited by  
CN108798457A; CN108661513A

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