

Title (en)
EXTRUDED-SHAPED GLAZING SEAL

Title (de)
STRANGFÖRMIGE VERGLASUNGSDICHTUNG

Title (fr)
ELEMENT D'ETANCHEITE EN FORME DE PROFILE POUR VITRAGE

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Application
EP 99944337 A 19990805

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• EP 9905676 W 19990805

Abstract (en)
[origin: WO0011300A1] The invention relates to an extruded-shaped glazing seal comprising a base part (1), a part that is used to secure the seal in and/or on a frame (14) or a glass-retaining strip (14a) and a sealing lip (4) that stands out from the base part (1) and is made of a cellular elastomer or rubber elastic material such as foam rubber or sponge rubber. The cross section of the sealing lip (4) consists of at least one relatively large cavity (4a). The ratio of the cross section of the cavity (Qh) of the sealing lip (4) in comparison with the cross section of the sealing lip (including the cross section of the cavity) ranges from 0.09 to 0.25. The cross section of the cavity (Qh) has a substantially triangular or trapezoidal shape and has rounded corners. The cellular material of the sealing lip (4) is made of a closed-cell foam material with a Shore A hardness of between 10 and 60. This enables the glazing seal to be diverted around corners without any folds occurring and, by virtue of its tightness, compensates for large tolerances in the width of the gaps between the glass or the same pane and the frame or retaining strip.

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Citation (examination)
• WO 9626346 A1 19960829 - SAAR GUMMIWERK GMBH [DE], et al
• GB 2299364 A 19961002 - ANGLIAN WINDOWS LTD [GB]
• DE 29512778 U1 19961212 - SEMPERIT AG HOLDING [AT]
• EP 0828055 A2 19980311 - SEMPERIT AG [AT]
• EP 0575937 A1 19931229 - METZELER GIMETALL AG [DE]
• DE 4228874 A1 19930304 - ETM ELASTOMER TECHNIK MOSBACH [DE]
• DE 19506246 A1 19960829 - SAAR GUMMIWERK GMBH [DE]
• Kraftfahrtechnisches Taschenbuch, Robert Bosch GmbH, 1991, Seite 213
• Lexikon der Kautschuk-Technik von Jochen Schnetger, Dr. Alfred Hütig Verlag Heidelberg, 1981
• Römpf Chemie Lexikon, 9. Auflage, 1991
• Luegger, Lexikon der Technik, Band 3, 1961
• Auszug aus der Internet-Enzyklopädie Wikipedia über "porengummi", ausgedruckt am 01.10.2007

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