

Title (en)
Sill with a drain

Title (de)
Dränierungsschwelle

Title (fr)
Seuil avec drainage

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Application
EP 11181334 A 20110915

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NL 2005360 A 20100916

Abstract (en)

The present invention relates to a sill, such as for an outside door or an outside window. The sill (1) has a drainage duct (4) with a front longitudinal wall (2), a rear longitudinal wall (3), an upper wall (5) and a lower wall (6), as well as a collection channel (9) which, on a side (11) of the rear longitudinal wall (3) which faces away from the drainage duct (4), extends parallel to the drainage duct (4) and is delimited by the rear longitudinal wall (3) and by a bottom channel wall (10). At least one respective passage opening (20, 21) is provided in each of the front and rear longitudinal walls (3, 5), as a result of which the collection channel (9) is in liquid communication, via the drainage duct (4), with a drainage zone (25, 26, 36) situated outside the drainage duct (4). The invention furthermore relates to an assembly of such a sill and a stop element (60) and to a further assembly of a structural element (100), a pivotable or displaceable passage element (110) and such an assembly.

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Citation (applicant)
• NL 2002323 C2 20100616 - ISOSTONE B V [NL]
• NL 1027966 C2 20060710 - SMITS HENRICUS JOHANNES ANTONI [NL]

Citation (search report)
• [X] WO 2004031521 A2 20040415 - STANLEY WORKS [US]
• [X] GB 2361736 A 20011031 - ALLPORT BRIAN [IE], et al
• [X] US 4310991 A 19820119 - SEELY JAMES R
• [X] US 2009199486 A1 20090813 - WERNLUND CHAD [US], et al
• [X] GB 2418448 A 20060329 - ALLMAND SMITH LTD [GB]
• [X] US 2108137 A 19380215 - OFTEDAL PHILIP R, et al
• [A] DE 202004004833 U1 20040603 - REHAU AG & CO [DE]
• [A] DE 202010002712 U1 20100701 - VEKA AG [DE]

Cited by
FR3018540A1; US2013212962A1; US9359811B2; EP3130739A1; EP3130738A1; EP3045820A1; DE202014102797U1; US11230875B2; USD952904S; EP3318710A1; DE102016120937A1

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