

Title (en)

Door and window system consisting of thermally-insulated aluminium profiles with concealed glazing bead, gasket of which is on thereof

Title (de)

Tür- und Fenstersystem bestehend aus wärmeisolierten Aluminiumprofilen mit verborgener Glashaltleiste und Dichtung dafür

Title (fr)

Système de porte et fenêtre comprenant une porte isolée thermiquement et système de fenêtre comprenant des profilés d'aluminium thermiquement isolés avec la parclose cachée, dont le joint est dessus

Publication

**EP 2450517 A1 20120509 (EN)**

Application

**EP 10189778 A 20101103**

Priority

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Abstract (en)

The present invention is a door and window system wherein inner and outer aluminum profiles (1,2,3,4,5,6,7,8) which are mechanically assembled to thermal insulation barrier (21) with special geometric cross-section produced from a polymeric material, and sealing gaskets (18) with special geometric cross-section which are assembled onto these profiles by being adhered onto them and/or produced on them directly, which are made of a material such as epdm, tpe, and glazing bead profile (15,16) are used as an outer profile differently from standard profiles, thus they are concealed. When the glazing bead profiles (15,16), which are perceived as an outer profiles when viewed from the outside, not as a glazing bead; they consist of narrower frames up to the glazing bead width in comparison with traditional systems and thus more daylight entrance and visual contact can be provided with outdoor.

IPC 8 full level

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CPC (source: EP)

**E06B 3/26341** (2013.01); **E06B 3/5409** (2013.01); **E06B 3/5821** (2013.01)

Citation (search report)

- [X] NL 7300427 A 19740715
- [I] EP 1712719 A1 20061018 - NORSK HYDRO AS [NO]
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- [A] EP 0103272 A2 19840321 - INTEGRAL PROFILSYSTEM AB [SE]

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Designated contracting state (EPC)

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