

Title (en)
Curtain walling

Title (de)
Fassadensystem

Title (fr)
Façade de mur rideau

Publication
EP 1188873 A1 20020320 (EN)

Application
EP 00650131 A 20000913

Priority
EP 00650131 A 20000913

Abstract (en)
A curtain walling system comprises a plurality of mullion posts (1) which are fixed to a building support structure and a plurality of transom rails (2, 3) for fixing to the mullion posts (1). Sash assemblies (4) which may have glazing (9) are mounted to upper and lower transom rails (2, 3) respectively. A lower sash rail (11) has a lower sash engagement element in the form of longitudinally spaced-apart wedges (20) fixed thereto. Lower transom rail engagement elements are provided by wedges (21) of complementary shape to the wedges (20). The wedges (21) are fixed to the nose (6) of the transom rail. On mounting of the sash to the lower sash rail assembly (4) the wedges (20) engage behind the transom rail wedges (21) to retain the lower edge of the sash assembly to the transom rail. An upper sash rail (10) has an upper sash engagement element in the form of longitudinally spaced-apart wedges (30) which are fixed to an operating rod (31). The rod (31) is slidably mounted in a track (33) of the sash rail (10). Upper transom rail engagement elements are provided by wedges (35) fixed to the nose (6) of the transom rail. The transom rail wedges (35) are of complementary shape to the sash rail wedges (30) and, on sliding of the operating rod (31), the wedges (30, 35) are interengaged so that the sash rail wedges (30) are engaged behind the transom rail wedges (35) and the sash assembly is fixed in position. <IMAGE>

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E04B 2/96

IPC 8 full level
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CPC (source: EP)
E04B 2/96 (2013.01)

Citation (applicant)
GB 2292955 A 19960313 - DON REYNOLDS LIMITED [IE]

Citation (search report)
• [X] WO 9929995 A1 19990617 - HYDRO ALUMINIUM SYSTEMS SPA [IT], et al
• [X] US 3719014 A 19730306 - SUKOLICS R

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