

Title (en)
Improvements in wall structures.

Title (de)
Wandaufbau.

Title (fr)
Structure de parois.

Publication
EP 0402098 A1 19901212 (EN)

Application
EP 90306099 A 19900605

Priority
GB 8912893 A 19890605

Abstract (en)
A curtain wall structure has infill panels (4) supported on a main frame structure through a series of support plates (28). At the periphery of each cell, sealing gaskets (12,14) engage the inner and outer faces of the infill panel. Sealing pressure is applied by auxiliary frame members (6) on which the external sealing gaskets (14) are mounted. The horizontal auxiliary members (6) at the transoms and sills are each provided with a channel (52) to collect any water that may have penetrated the outer seals (14,44). Drillings (54,58) in the auxiliary members and the outer seals allow the collected water to drain away from the wall. The penetration of water to the interior of the building clad by the wall is thus prevented, even though the external sealing means may have become less efficient with the passage of time.

IPC 1-7
E04B 2/96

IPC 8 full level
E04B 2/96 (2006.01); **E06B 7/14** (2006.01)

CPC (source: EP)
E04B 2/967 (2013.01); **E06B 7/14** (2013.01)

Citation (search report)
• [AD] EP 0194779 A2 19860917 - STOAKES RICHARD LEWIS
• [AP] FR 2624157 A1 19890609 - MANUF MAIN OEUVRE CONST SA [FR]

Cited by
CN111962726A; DE4140457A1; DE4143407A1; DE102014103591A1; EP3327215A1

Designated contracting state (EPC)
BE CH DE DK ES FR GB GR IT LI NL SE

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