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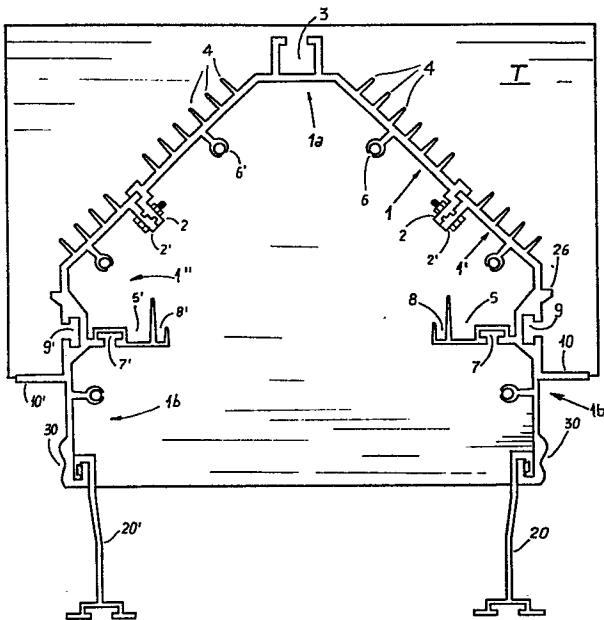
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㉔ Multiple-use channel-shaped structure for suspended ceiling.

㉕ An elongated channel-shaped structure, preferably of anodized extruded aluminium, is suitable to form the load bearing beam of a false ceiling assembly, in particular comprising absolute filters for the so-called "clean rooms". Such a structure is U-shaped and comprises an elongated and uninterrupted central slot or groove (3) for the fixing to the ceiling, with the concavity of the U-shape directed downward, having outer lateral finnings (4, 4') for the cooling, outer grooves (9, 9') and projections (26) for the coupling with transverse spacers (11) and for supporting absolute filters, as well as inner grooves (6, 6') and projections (8, 8') for supporting electric lines, pipes and other devices and systems. There are also provided extension members (20, 20') directed downward, to be fastened to said structure and having further support and guide fit grooves.





EUROPEAN SEARCH REPORT

0044283
Application Number

EP 81 83 0093

| DOCUMENTS CONSIDERED TO BE RELEVANT | | | CLASSIFICATION OF THE APPLICATION (Int. Cl. 3) |
|--|---|-------------------|--|
| Category | Citation of document with indication, where appropriate, of relevant passages | Relevant to claim | |
| A | US - A - 3 975 995 (SHULER) | | E 04 B 5/55 |
| A | US - A - 4 060 025 (PELOSI) | | |
| A | GB - A - 1 538 856 (SELFÉ) | | |
| A | NL - C - 112 495 (HUGUENIN) | | |
| A | DE - A - 2 809 674 (METALLBAU RITTER) | | |
| A | FR - A - 1 472 419 (GROEN) | | |
| A | US - A - 3 911 639 (RACHLIN) | | |
| ----- | | | TECHNICAL FIELDS SEARCHED (Int.Cl. 3) |
| | | | E 04 B F 24 F B 01 L |
| | | | CATEGORY OF CITED DOCUMENTS |
| | | | X: particularly relevant if taken alone Y: particularly relevant if combined with another document of the same category A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons &: member of the same patent family, corresponding document |
| <input checked="" type="checkbox"/> The present search report has been drawn up for all claims | | | |
| Place of search | Date of completion of the search | Examiner | |
| The Hague | 15-03-1982 | HENDRICKX | |