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(21) International application number: PCT/FR99/00487 (22) International filing date: 4 March 1999 (04.03.99) (30) Data relating to the priority: 198 09 617.8 6 March 1998 (06.03.98) DE (71) Applicant (for all designated States except US): SAINT-GOBAIN VITRAGE [FR/FR]; "Les Miroirs", 18, avenue d'Alsace, F-92400 Courbevoie (FR). (72) Inventors; and (75) Inventors/Applicants (US only): DIRISAMER, Wolfgang [DE/DE]; Keplerstrasse 5, D-4040 Linz (DE). LEOPOLDSIEDER, Roland [DE/DE]; Ribringerstrasse 14, D-4300 St. Valentin (DE). ECKELT, Christian [DE/DE]; Fischhubweg 14, D-4400 Steyr (DE). BURMEISTER, Albrecht [DE/DE]; Im Blütengarten 17/2, D-71554 Weissach im Tal (DE). (74) Representatives: MULLER, René etc.; Saint-Gobain Recherche, 39, quai Lucien Lefranc, F-93303 Aubervilliers (FR).		(81) Designated states: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO Patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian Patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European Patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI Patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With the International Search Report.

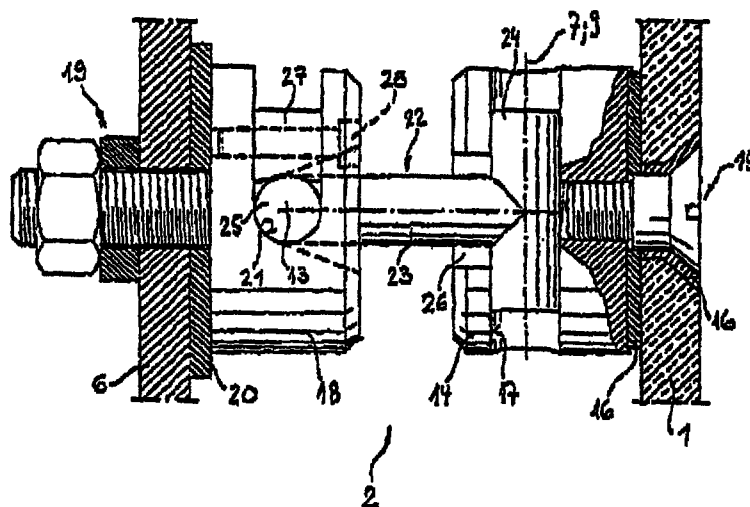
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(54) Title: DEVICE FOR FIXING PLATES, IN PARTICULAR GLASS PLATES

(54) Titre: DISPOSITIF DE FIXATION POUR PLAQUES, EN PARTICULIER DES PLAQUES DE VERRE

(57) Abstract

The invention concerns a device for fixing plates (1), in particular glass plates, comprising retaining elements (2 to 5) arranged between each plate and a support structure (6), which retaining elements comprise means for compensating the dimensional variations, wherein the deformations and movements between the plate and the support structure, the degree of freedom in rotation of the compensating means are represented solely by uniaxial pivoting articulations (11, 12). The combined degrees of freedom in translation can be produced inside this very articulations or by installing the articulations movable. By means of said fixing device, plates (1) can be mounted in statically predetermined manner using an appropriate combination of the degrees of freedom.



(57) Abrégé

Dans un dispositif de fixation pour plaques (1), en particulier pour plaques de verre, comprenant des éléments de retenue (2 à 5) agencés entre chaque plaque et une structure de support (6), lesquels éléments de retenue comprennent des moyens pour compenser les écarts dimensionnels, les déformations et les déplacements entre la plaque et la structure de support, des degrés de liberté en rotation des moyens de compensation sont représentés suivant l'invention uniquement par des articulations de pivotement uniaxes (11, 12). Des degrés de liberté en translation enchaînés peuvent être réalisés à l'intérieur même de ces articulations ou en installant les articulations de manière mobile. A l'aide de ce dispositif de fixation, des plaques (1) peuvent être montées de manière statiquement déterminée grâce à une combinaison appropriée de degrés de liberté.

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