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(54) Title: DEVICE FOR TESTING OUT-OF-PLANE TENSILE STRENGTH AND METHOD OF TESTING OF OUT-OF-PLANE TENSILE STRENGTH OF A LOAD APPLICATION ELEMENT FITTED TO A COMPOSITE SANDWICH PANEL

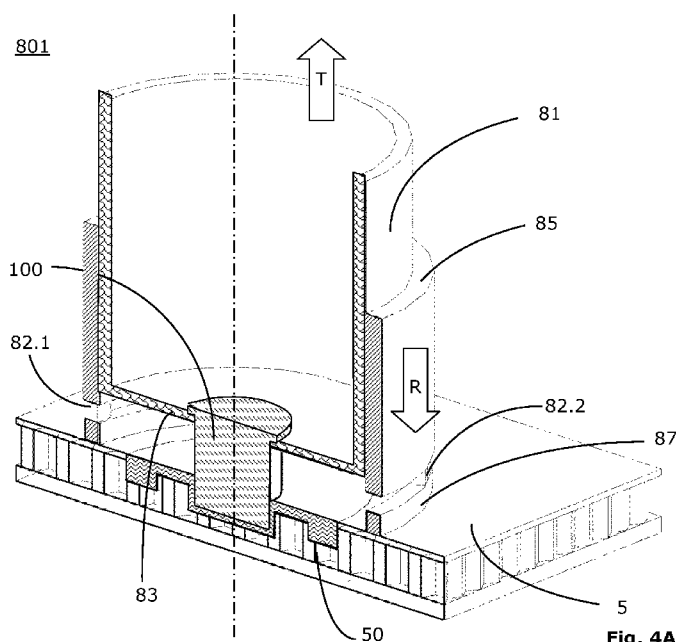


Fig. 4A

(57) Abstract: A device (80) and corresponding method for testing out-of-plane tensile strength of a load application element (50) fitted to a composite sandwich panel (5), comprising a pull member (81), a push member (85), a force distribution member (87) and a force gauge (82, 82.1 – 82.3), wherein the pull member (81) is arranged and configured for applying a tensile strength testing force (T) onto the load application element (50), wherein the push member (85) is connected to the pull member (81) so that the a reaction force (R) of the testing force (T) distributed on the surface of the composite sandwich panel (5) around the load application element (50) via said force distribution member (87); and wherein the force gauge (82) is configured for measuring said reaction force (R) between the push member (85) and the surface of the composite sandwich panel (5).