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(54) **OPTOELECTRONIC MEASURING DEVICE**

(57) The invention relates to a device (100) configured for measuring the relative position between two objects, one of the objects being movable with respect to the other object along a longitudinal axis (X). The device (100) comprises a graduated scale (3), a hollow profile (4) defining an inner cavity and a channel (4.0) arranged in said inner cavity, extending in the longitudinal axis (X) and being configured for housing the graduated scale (3), a scale fixing device for immobilizing the graduated scale (3) in the hollow profile (4) in both measuring directions (A1, A2) along the longitudinal axis (X), and a profile fixing device for fixing the hollow profile (4) to one of the objects (1). Both fixing devices are accessible from the same face of the hollow profile (4) to perform the corresponding fixing operation.

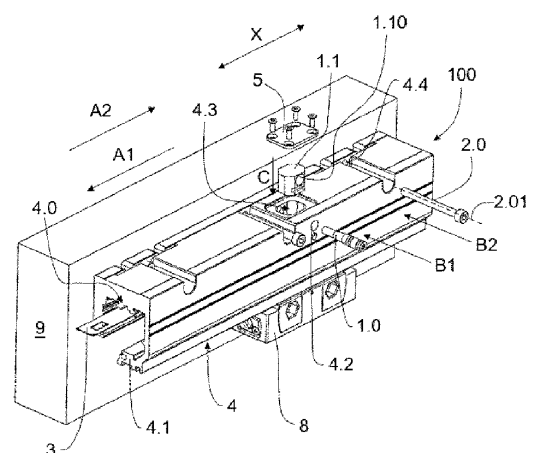


Fig. 1