

Title (en)
STRUCTURAL BODY OF A WEIGHING SENSOR

Title (de)
STRUKTURKÖRPER EINES WÄGESENSORS

Title (fr)
CORPS STRUCTURAL D'UN CAPTEUR DE PESÉE

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Application
EP 21831254 A 20211203

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Abstract (en)
[origin: WO2022117801A1] The invention relates to a structural body of a weighing sensor that has a Roberval mechanism, comprising a first part having the stationary limb of the Roberval mechanism, a second part having the movable limb of the Roberval mechanism, a third part having the upper arm of the Roberval mechanism, a fourth part having the lower arm of the Roberval mechanism, a fifth part having a lever arrangement that connects the movable limb to an output side used for sensor measurement, and a sixth part having a coupler that couples the movable limb to the lever arrangement, wherein at least one of the first to fifth parts has a region having the topology of a bail of at least a genus of one, through the at least one hole of which at least one portion of another of the first to sixth parts passes, which portion is integrally connected to this region.

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