

Title (en)

METHOD FOR MANUFACTURING A SENSORIZED ELASTOMERIC SUPPORT AND SENSORIZED ELASTOMERIC SUPPORT

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES SENSORISIERTEN ELASTOMEREN LAGERS UND SENSORISIERTES ELASTOMERES LAGER

Title (fr)

PROCÉDÉ DE FABRICATION D'UN SUPPORT ÉLASTOMÈRE MUNI DE CAPTEURS ET SUPPORT ÉLASTOMÈRE MUNI DE CAPTEURS

Publication

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Application

EP 20382566 A 20200626

Priority

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Abstract (en)

[origin: EP3929357A1] Method for manufacturing a sensorized elastomeric support (1), comprising: adhering a first sheet (41) of elastomeric material onto a lateral face of an elastomeric block (2); adhering a buckypaper strip deformation sensor (3) along a diagonal direction of said first sheet (41) of elastomeric material for measuring deformations of the elastomeric block (2) both in a vertical and a horizontal direction; adhering a second sheet (42) of elastomeric material onto the first sheet (41) of elastomeric material, such that the buckypaper strip deformation sensor (3) is sandwiched therebetween; submitting the elastomeric block (2), with the first sheet (41), the buckypaper deformation sensor (3) and the second sheet (41) adhered thereto, to a vulcanization process.

IPC 8 full level

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