

Title (en)
ERGONOMIC SEAT

Title (de)
ERGONOMISCHER SITZ

Title (fr)
SIEGE ERGONOMIQUE

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Abstract (en)
[origin: WO2023275382A1] The invention relates to an ergonomic seat (1) comprising a backrest (1a) and a seat part (1b) defining a plane X, Y with an axis Y of symmetry of the seat part (1b) and with an axis X perpendicular to the axis Y, the seat part (1b) comprising at least 4 force sensors (S1, S2, S3, S4) with: - a first pair of sensors (S2, S1) disposed on either side of the axis Y of symmetry at a distance Y1 from the axis X, where Y1 is between 0 and 130 mm, with a spacing X1 between the sensors (S2, S1) of between 100 and 170 mm, - a second pair of sensors (S4, S3) disposed on either side of the axis Y of symmetry at a distance Y2 from the axis X, where Y2 is between 185 and 240 mm, with a spacing X2 between the sensors (S4, S3) of between 210 and 265 mm. The present invention also relates to the method for optimizing the posture of the user sitting on the seat (1) on the basis of the measurements from the sensors.

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