

Title (en)

METHOD AND ARRANGEMENT FOR FINDING THE CENTROID OF A BODY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SCHWERPUNKTERMITTLUNG EINES KÖRPERS

Title (fr)

PROCEDE ET DISPOSITIF PERMETTANT DE TROUVER LE CENTRE DE GRAVITE D'UN CORPS

Publication

**EP 1008105 A1 20000614 (EN)**

Application

**EP 98901151 A 19980113**

Priority

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- SE 9700065 A 19970113

Abstract (en)

[origin: WO9830976A1] A method and arrangement for determining at least one dimension data for a body (11), specially data relating to centroid coordinate of an image of said body reproduced on a sensor (15) that produces a signal containing pixel data for said reproduced image (16). The method comprising: interpolating said signal and calculating a centre ( $\langle x \rangle_k$ ) for a length (lk) of a segment representing a section of said image, and using said calculated centre ( $\langle x \rangle_k$ ) and said length (lk) to determine the centroid coordinate (x') by summing all the products of the n power of the said lengths (lk) and centre point of each segment divided by the sum of the n power of said length (lk).

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Citation (search report)

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