

Title (en)

METHOD FOR CHECKING A WALL THICKNESS OF A CONTAINER MADE OF AN AT LEAST PARTIALLY TRANSPARENT MATERIAL

Title (de)

VERFAHREN ZUM ÜBERPRÜFEN EINER WANDSTÄRKE EINES BEHÄLTERS AUS EINEM ZUMINDEST TEILWEISE TRANSPARENTEN MATERIAL

Title (fr)

PROCÉDÉ DE CONTRÔLE D'UNE ÉPAISSEUR DE PAROI D'UN RÉCIPIENT CONSTITUÉ D'UN MATÉRIAU AU MOINS PARTIELLEMENT TRANSPARENT

Publication

EP 4070084 A1 20221012 (DE)

Application

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Priority

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Abstract (en)

[origin: WO2021110308A1] The invention relates to a method for checking a wall thickness of a container made of an at least partially transparent material, for example a bottle made of PET, the method comprising: irradiating the container with a measuring beam of an irradiation device at a plurality of measurement points along a measurement direction, wherein for each measurement point, a signal indicative of the wall thickness of the container at the measurement point is obtained by means of an optical detector, wherein by means of an evaluation device, the plurality of measurement points are compared with a reference curve that specifies the wall thickness of a reference container along the measurement direction, wherein if the comparison results in agreement between the plurality of measurement points and the reference curve it is determined that the wall thickness of the container corresponds to a predefined wall thickness and wherein if the comparison does not result in agreement between the plurality of measurement points and the reference curve it is determined that the wall thickness of the container does not correspond to a predefined wall thickness.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2021110308A1

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