

Title (en)
METHOD FOR CONTINUOUSLY CONTROLLING THE THICKNESS OF THE BASE OF EXTRUDED BLANKS OF AEROSOL CONTAINERS

Title (de)
VERFAHREN ZUR KONTINUIERLICHEN STEUERUNG DER DICKE DER BASIS VON EXTRUDIERTEN ROHLINGEN FÜR AEROSOLBEHÄLTER

Title (fr)
PROCEDE DE CONTROLE EN CONTINU DE L'EPAISSEUR DU FOND DES EBAUCHES FILEES DES BOITIERS AEROSOLS

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Application
EP 06764807 A 20060622

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• FR 0506469 A 20050624

Abstract (en)
[origin: WO2006136708A1] The invention concerns a method for measuring the base (120) of impact-extruded cylindrical containers, based on the measurement of the temperature of the extruding equipment comprising a mobile part (10; 20) with a punch (10) actuated by a mechanical system (20) articulated from a reference point (23), said extruding equipment further comprising a passive part (30; 33, 34; 35) typically with a matrix (30) and support equipment (34; 35). The invention is characterized in that said temperature measurement is performed in a point of said passive part of the equipment, and in that, for a specific geometry of the container and a specific alloy, the thus measured temperature T is associated with the imposed production rate C and position X of said reference point (23) to estimate the thickness e obtained using a relationship $R(e,T,X,C) = 0$. Once established, said relationship enables the thickness base of the containers being manufactured to be controlled.

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