

Title (en)

Method and apparatus for determining the density of a rod in the tobacco industry

Title (de)

Verfahren und Vorrichtung zum Bestimmen der Dichte eines Faserstrangs der tabakverarbeitenden Industrie

Title (fr)

Procédé et dispositif pour déterminer la densité d'un boudin dans l'industrie du tabac

Publication

EP 0790006 B1 20020417 (DE)

Application

EP 97101524 A 19970131

Priority

DE 19605618 A 19960215

Abstract (en)

[origin: EP0790006A2] The method involves detecting the intensity of X-rays (8) passing through a cigarette chord (6) and processing (16) the resulting intensity signal into a signal representing the density of the chord. The intensity of the X-rays is separately detected at a number of different heights on the chord. Measurement signals (S1 - Sn) representing the detected intensities are processed to form a single density signal (17). At each chord height position the intensity of a part of the X-rays passing through a section with negligible density inhomogeneity is detected.

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IPC 8 full level

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Cited by

CN104865154A; CN108896440A; WO0003236A1; US10721959B2; EP3811792B1

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