

Title (en)
METHOD AND DEVICE FOR IN-LINE MEASUREMENT OF CHARACTERISTICS OF THE SURFACE COATING OF A METALLURGY PRODUCT

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ON-LINE MESSUNG DER EIGENSCHAFTEN EINER OBERFLÄCHENBESCHICHTUNG EINES METALLURGISCHEN PRODUKTES

Title (fr)
PROCEDE ET DISPOSITIF DE MESURE EN LIGNE DE CARACTERISTIQUES D'UN REVETEMENT DE SURFACE D'UN PRODUIT METALLURGIQUE

Publication
EP 1525454 A2 20050427 (FR)

Application
EP 03755648 A 20030729

Priority

- FR 0302388 W 20030729
- FR 0209845 A 20020801

Abstract (en)
[origin: WO2004013619A2] In order to measure the characteristics of the surface coating (1) of a moving metal strip such like an alliation degree of a coating containing zinc and iron, a product is exposed to the radiation (23) emitted by a radiation source (24) with a specified wavelength. The radiation is orthogonally oriented with respect to the product surface and the energy reflected therefrom is measured in an orthogonal direction with respect to said surface in such a way that reflectivity variations resulting from morphological characteristics of the surface are excluded. Said operations are carried out with the aid of commercial optical fibres whose ends (21, 31) are predeprived of the routine focusing optics thereof in such a way that they are moved as close as possible to each other and arranged in parallel position to each other.

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CPC (source: EP KR US)
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Citation (search report)
See references of WO 2004013619A2

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