

Title (en)
METHOD AND APPARATUS FOR ONLINE MONITORING OF FOAM QUALITY DURING FOAM PRODUCTION PROCESS

Title (de)
VERFAHREN UND VORRICHTUNG ZUR ONLINE-ÜBERWACHUNG DER SCHAUMQUALITÄT WÄHREND EINES SCHAUMHERSTELLUNGSPROZESSES

Title (fr)
PROCÉDÉ ET APPAREIL DE SURVEILLANCE EN LIGNE DE LA QUALITÉ DE MOUSSE PENDANT UN PROCESSUS DE PRODUCTION DE MOUSSE

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Abstract (en)
[origin: WO2022033837A1] The present invention relates to a process and an apparatus for producing foam using a continuous foam block foaming method, and in particular to a method and an apparatus for online monitoring of foam quality during a foam production process. In the method for online monitoring of foam quality in the foam production process according to the present invention, raw materials for foam production are injected onto a transporting slab of a conveyor via a mixing nozzle disposed at one end of the conveyor, the method comprising: continuously obtaining profile data for a cross section of the foam at a predetermined location to generate a topography map for a surface of the foam, the predetermined location being one along an advancing path of the transporting slab; and detecting foam defects based on the topography map for the surface of the foam.

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