

Title (en)  
METHOD AND ARRANGEMENT FOR ANALYSIS OF A MATERIAL FLOW

Title (de)  
VERFAHREN UND ANORDNUNG ZUR ANALYSE EINES STOFFSTROMS

Title (fr)  
PROCÉDÉ ET DISPOSITIF D'ANALYSE D'UN FLUX DE MATIÈRE

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Application  
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Abstract (en)  
[origin: WO2016124165A1] The invention relates to a method and to an arrangement for analysis of a material flow (S) which consists of one or more material components. The material flow (S) is conducted via a conveyor line. One or more acoustic sensors (6-11) are allocated to the conveyor line. Acoustic signals produced by the material flow (S) are detected by the acoustic sensor(s) (6-11) and then converted into digital signals. The digital signals are analyzed in an evaluating unit in a computer-assisted manner and analyzed by means of an algorithm in comparison to reference values specified based on individual identifying characteristics of the material components, such that the material components are identified and the mass fraction of at least one material component in the material flow (S) is determined.

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