

Title (en)

METHOD AND DEVICE FOR ASCERTAINING THE OPERATING STATE OF A BLASTING SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR ERMITTLUNG EINES BETRIEBSZUSTANDS EINER STRAHANLAGE

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR DÉTERMINER UN ÉTAT DE FONCTIONNEMENT D'UNE INSTALLATION DE TRAITEMENT AU JET ABRASIF

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Application

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Abstract (en)

[origin: WO2018065220A1] The invention relates to a method for ascertaining the operating state of a blasting system for treating the surface of a workpiece (4) by means of a blasting agent (3), having the following steps: continuously measuring the fill state of blasting agent (3) in a main bunker (5) provided upstream of a blasting device (1); subsequently metering blasting agent (3) from a pre-bunker (9) provided upstream of the main bunker (5) into the main bunker (5) such that the fill state in the main bunker (5) is kept within a specified fill state range; measuring the weight subsequently metered from the pre-bunker (9) to the main bunker (5) and detecting the measured weight over time; measuring the current consumption of a blasting agent accelerating device (2) and measuring an actual blast duration; determining a blast duration time interval; ascertaining an average blasting agent use for a specified point in time from the total blasting agent (3) weight subsequently metered during the specified blasting duration time interval up to the specified point in time; repeating the step of ascertaining the average blasting agent use for subsequent additional specified points in time; and displaying the respective average blasting agent use over the respective specified points in time.

IPC 8 full level

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