

Title (en)
SYSTEM FOR CONTINUOUSLY MEASURING PRESSURE AND TEMPERATURE IN THE BEATING ZONE OF REFINERS

Title (de)
SYSTEM ZUR KONTINUIERLICHEN MESSUNG VON DRUCK UND TEMPERATUR IM ZERKLEINERUNGSBEREICH EINES REFINERS

Title (fr)
PROCEDE POUR MESURER EN CONTINU LA PRESSION ET LA TEMPERATURE DANS LA ZONE DE RAFFINAGE DE RAFFINEURS

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Application
EP 95936826 A 19951030

Priority

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- SE 9403743 A 19941102

Abstract (en)
[origin: WO9614156A1] During refining/beating of beating material there exists a need to measure more parameters than the gap, directly in the beating zone. The present invention makes this possible and it relates to a system for continuous measuring of pressure and temperature in the beating zone and the system is characterized in that a number of separate/combined pressure sensors or temperature sensors provided with cables are applied on or in at least one of the homogeneous beating discs or, beating discs constructed of segments, of the refiner along the active radius of the beating disc, alternatively are arranged in at least one position between, alternatively between and in, two of the segments being present in the beating disc along the active radius of the beating disc and that the cables are collected into a bunch of cables or are transformed into another cable and leave the beating disc via a hole therein, if the beating disc is stationary, to be connected to a possible detecting unit and a subsequent presentation unit, alternatively, if the beating disc rotates, that the bunch of cables/the cable is connected to a collector shoe arranged against the shaft of the refiner with further connection according to the above.

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