

Title (en)

MEASURING DEVICE TO DETERMINE MACHINE OPERATING EFFICIENCY

Publication

EP 0285822 A3 19890607 (DE)

Application

EP 88103418 A 19880305

Priority

DE 3711439 A 19870404

Abstract (en)

[origin: EP0285822A2] The measuring device for determining the operating efficiency of a machine, which receives the operating noises by means of a microphone (16), has an electronic evaluation circuit (20) with a microprocessor, in which individual values of the operating time, the stoppage times, the pauses, the number of operating interruptions and/or the interruption duration are evaluated from the microphone signals in conjunction with a timing generator (28) in a plurality of register stores (23 - 26) and are displayed in an indicator, and in which the instantaneous operating efficiency of a machine is calculated and indicated, especially continuously. <IMAGE>

IPC 1-7

G07C 3/08

IPC 8 full level

G07C 3/00 (2006.01); **G06Q 50/00** (2006.01); **G07C 3/04** (2006.01); **G07C 3/08** (2006.01)

CPC (source: EP US)

G07C 3/04 (2013.01 - EP US); **G07C 3/08** (2013.01 - EP US)

Citation (search report)

- [AP] DE 3623587 A1 19880121 - KRESS GERD [DE]
- [A] DE 3141988 A1 19830505 - JOHANSSON JAN ERIK [SE]
- [A] DE 1524701 A1 19700910 - WERKSTOFF UNTERSUCHUNG GMBH
- [AD] DE 2152907 A1 19730426 - MEISSNER & ECKRATH KG MECH STR
- [AD] DE 2206363 A1 19730823 - SCHIEBER UNIVERSAL MASCHF

Designated contracting state (EPC)

DE ES GB IT SE

DOCDB simple family (publication)

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DOCDB simple family (application)

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