

Title (en)

Device for the sound-tight locking of a machine housing's opening.

Title (de)

Einrichtung zur schallabdichtenden Verschlussung einer Maschinengehäuse-Öffnung.

Title (fr)

Dispositif pour fermer avec isolation acoustique l'ouverture d'un boîtier de machine.

Publication

**EP 0100064 A1 19840208 (DE)**

Application

**EP 83107124 A 19830720**

Priority

DE 3227833 A 19820726

Abstract (en)

1. An apparatus for the sound insulating closure of the opening of a machine housing, said opening being provided for the delivery and removal of material being processed in said machine, characterized in - that a flexible mat (18, 36, 136, 236) or the like is disposed within said opening (16, 34), said mat overlapping said opening and resting with a rim portion (20, 38, 138, 238) against the housing wall (22, 40, 140, 240) defining said opening ; - that at least said rim portion (20, 38, 138, 238) is magnetically polarized ; and - that said housing wall (22, 40, 140, 240) associated with said rim portion (20, 38, 138, 238) includes means (26, 42) which are able to take selectively a polarization which is equal with or neutral, or opposite, respectively, to the polarization of said mat (18, 36, 136, 236).

Abstract (de)

Die Öffnung (16, 34) eines Maschinengehäuses ist zur Schallabdichtung mit einer flexiblen Matte (18, 36) abgedeckt, die mindestens in einem Randbereich magnetisch polarisiert ist. Die unter dem Randbereich liegende Gehäusewand (22, 40) ist mit zur Polarisierung der Matte gleichsinnig oder gegensinnig bzw. neutral polarisierbaren Elementen (26, 42) versehen. Die Polarisierung dieser Elemente erfolgt abhängig vom Betriebszustand von in dem Maschinengehäuse angeordneten Einrichtungen.

IPC 1-7

**B41J 29/10**; G10K 11/16

IPC 8 full level

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CPC (source: EP)

**B41J 29/08** (2013.01)

Citation (search report)

- DE 2706209 A1 19780817 - SIEMENS AG
- EP 0038065 A1 19811021 - SIEMENS AG [DE]
- AT 247382 B 19660610 - IBM [US]
- DE 2647251 B2 19781109

Cited by

GB2137562A; FR2617766A1; BE1004160A3

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DOCDB simple family (publication)

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