

Title (en)
Adaptor arrangement between a motor and a textile machine

Title (de)
Adaptereinrichtung zwischen einem Motor und einer Textimaschine

Title (fr)
Adaptateur entre un moteur et une machine textile

Publication
EP 1327706 A3 20031112 (DE)

Application
EP 02025364 A 20021114

Priority
DE 10200958 A 20020112

Abstract (en)
[origin: EP1327706A2] The adapter has a flange (11) to connect it to the motor (3) and a similar flange (10) to mount it on the machine. The drive is taken through a shaft (20) that carries a brake disk (22). The brake is operated when current supplying electro-magnets (24) fails and a spring disk (23) is released against the brake disk. The brake components are supported from the machine mounting flange (10) so that inertia forces during braking are not transmitted to the motor (3). The adapter includes a flexible coupling (31) to allow for any misalignment. The shaft (20) can be connected to the machine by a clamp (33) or it can carry a drive gear.

IPC 1-7
D01H 1/32; F16D 65/21; D01H 1/22; D01H 1/16

IPC 8 full level
D01H 1/16 (2006.01); **D01H 1/22** (2006.01); **D01H 1/32** (2006.01); **F16D 65/18** (2006.01)

CPC (source: EP)
D01H 1/16 (2013.01); **D01H 1/22** (2013.01); **D01H 1/32** (2013.01)

Citation (search report)

- [X] US 6328655 B1 20011211 - ZIMMERMANN HEINRICH [DE], et al
- [X] DE 2402067 A1 19750731 - THIELENHAUS MASCHF
- [A] PATENT ABSTRACTS OF JAPAN vol. 007, no. 173 (M - 232) 30 July 1983 (1983-07-30)

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