

Title (en)  
Drive unit for a lifting device

Title (de)  
Antriebseinheit für ein Hebezeug

Title (fr)  
Unité d'entraînement pour un appareil de levage

Publication  
**EP 0706968 A3 19970102 (DE)**

Application  
**EP 95111931 A 19950728**

Priority  
DE 9416306 U 19941010

Abstract (en)  
[origin: US6146303A] The objective of the invention is a drive unit for a hoist, in particular for a hoist consisting of a motor 3, a gear 1, a brake 2, and a brake housing 8 serving as support, onto which the facing of the motor and/or the gear is flanged. The drive unit has a shaft 6, which simultaneously serves as a motor shaft and as a gear shaft, and the brake body 2 within the brake housing 8 is fastened to the shaft. Preferably, the motor 3 and/or the gear 1 are flanged, unsupported, to both sides of the brake housing 8. The construction according to the invention significantly shortens the total length of the drive unit. Furthermore, the installation and assembly costs in money, time, and materials are decreased.

IPC 1-7  
**B66B 11/04**

IPC 8 full level  
**B66D 3/20** (2006.01); **B66B 11/04** (2006.01); **B66D 1/12** (2006.01); **B66D 1/14** (2006.01); **B66D 1/22** (2006.01); **B66D 5/02** (2006.01); **B66D 5/06** (2006.01); **B66D 5/08** (2006.01); **B66D 5/14** (2006.01)

CPC (source: EP US)  
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Citation (search report)

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- [Y] DATABASE WPI Week 8427, 23 October 1983 Derwent World Patents Index; AN 84169477, XP002018343, AVDEEV ET AL.: "Variable load capacity lift - has freely mounted various dia. drums on shaft with conical couplings"

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**US 6146303 A 20001114**; AT E192722 T1 20000515; CA 2158614 A1 19960411; CA 2158614 C 20030107; CN 1053425 C 20000614; CN 1128730 A 19960814; DE 59508305 D1 20000615; DE 9416306 U1 19950119; EP 0706968 A2 19960417; EP 0706968 A3 19970102; EP 0706968 B1 20000510; ES 2148382 T3 20001016; GR 3033752 T3 20001031; JP H08239195 A 19960917; PL 181698 B1 20010928; PL 310613 A1 19960415; PT 706968 E 20001031

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