

Title (en)

Reciprocation driving device for a hair clipper blade assembly

Title (de)

Doppelhubantriebsvorrichtung für eine Klingenanordnung einer Haarschneidemaschine

Title (fr)

Dispositif de commande de va-et-vient pour ensemble de lames de tondeuse à cheveux

Publication

**EP 2556930 A1 20130213 (EN)**

Application

**EP 11306035 A 20110810**

Priority

EP 11306035 A 20110810

Abstract (en)

A reciprocation driving device is adapted to be mounted in a housing (90) of a hair clipper for reciprocating a moving blade (92) of a blade assembly (92, 93) , and includes a stator unit (20) and a rotor unit (30). The stator unit (20) has a tubular shaft (21) to permit a spindle (31) of the rotor unit (30) to be rotatably mounted therein by virtue of a pair of bearings (40), a bracing member (22) disposed to be engaged with the housing (90), and a coil winding assembly (24) disposed on the tubular shaft (21) . Therotorunit (30) has a carrier member (33) extending radially and outwardly from a spindle end (312) of the spindle (31) to carry a permanently magnetic member (32) so as to generate a torque as a result of electromagnetic forces acting between the rotor and stator units (20, 30) .

IPC 8 full level

**B26B 19/06** (2006.01); **B26B 19/28** (2006.01)

CPC (source: EP)

**B26B 19/06** (2013.01); **B26B 19/28** (2013.01)

Citation (search report)

- [A] DE 2410811 A1 19750918 - BRAUN AG
- [A] US 3589007 A 19710629 - WALTON WILLIAM M

Cited by

CN104249343A; CN108908417A

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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