

Title (en)  
Hair clippers

Title (de)  
Haarschneider

Title (fr)  
Tondeuses

Publication  
**EP 1645375 B1 20070725 (EN)**

Application  
**EP 05356183 A 20051006**

Priority  
KR 20040079454 A 20041006

Abstract (en)  
[origin: EP1645375A1] Disclosed is an electric hair clipper in which a movable blade (40) for cutting hair moves in the lateral direction and forward and backward. The clipper includes a driving gear (60) transmitting driving force to a reduction gear (50), a clutch (62) penetrating a shaft assembly (64) of a side of the driving gear, a clutch accommodating part (72) accommodating the clutch and a bushing (63), a pusher accommodating part (74) enabling the pusher (78) to pursue the clutch accommodating part so as to provide external force pressing the outer circumference of the clutch, an auxiliary gear (54) installed in the reduction gear and engaged with a gear (82) having an eccentric cam (80), and a pusher (90) assembled to the body (10) by a pin shaft (92) and having one end contacting the eccentric cam and the other end contacting a fixed protrusion (42) installed in the movable blade and moved relative to the one end, thereby moving the movable blade forward and backward.

IPC 8 full level  
**B26B 19/06** (2006.01)

CPC (source: EP KR)  
**B26B 19/02** (2013.01 - KR); **B26B 19/06** (2013.01 - EP); **B26B 19/20** (2013.01 - KR)

Cited by  
CN103231395A; US10384358B2

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DE FR GB

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**EP 1645375 A1 20060412; EP 1645375 B1 20070725**; DE 602005001746 D1 20070906; DE 602005001746 T2 20071206;  
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