

Title (en)
Hair clipper

Title (de)
Haarschneider

Title (fr)
Tondeuse à cheveux

Publication
EP 2926958 A1 20151007 (EN)

Application
EP 15153725 A 20150204

Priority
JP 2014074545 A 20140331

Abstract (en)
Hair clippers (1) include stationary blade (21), movable blade (22), main body (10), and dial (60). Guide groove (61) is formed in dial (60). Movable blade (22) slides relative to stationary blade (21) in a longer direction of main body (10) by moving boss (71) inserted into guide groove (61). A slide mechanism includes first spring (27) that pushes movable blade (22) against stationary blade (21), and second spring (90) that applies force to boss (71) in a direction opposite to first spring (27). Characteristics of first and second springs (27 and 90) are set such that a magnitude relation of the forces to boss (71) applied by first spring (27) and second spring (90) switches with a change in relative positions of guide groove (61) and boss (71). Accordingly, the hair clippers with pleasant operability can be offered.

IPC 8 full level
B26B 19/20 (2006.01)

CPC (source: EP)
B26B 19/205 (2013.01)

Citation (applicant)
JP 4046098 B2 20080213

Citation (search report)
• [A] JP 2005304627 A 20051104 - MATSUSHITA ELECTRIC WORKS LTD
• [A] EP 1757413 A1 20070228 - MATSUSHITA ELECTRIC WORKS LTD [JP]
• [A] US 5367772 A 19941129 - OGAWA HITOSHI [JP]
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JP2019511280A; EP4197723A1; EP4023401A4; US10919165B2; WO2017153482A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
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