

Title (en)  
ELECTRIC SHAVER

Title (de)  
ELEKTRISCHER RASIERER

Title (fr)  
RASOIR ÉLECTRIQUE

Publication  
**EP 4296022 A1 20231227 (EN)**

Application  
**EP 22755862 A 20220126**

Priority  
• JP 2021022219 A 20210216  
• JP 2022002792 W 20220126

Abstract (en)  
The present disclosure provides an electric razor that accurately detects a property of a hair in the case of a white hair. Electric razor (100) according to the present disclosure is electric razor (100) that includes grip (110) and head part (120) connected to one end of grip (110). The electric razor includes imaging device (131) that images a part near a skin with which shaving unit (121) comes into contact, illumination device (160) that can irradiate a region to be imaged by imaging device (131) with light rays in different directions, and an image processing device that processes an image acquired from imaging device (131). The image processing device includes an imaging control unit that controls illumination device (160) and imaging device (131) to cause the region to be imaged by being individually irradiated with the light rays in the different directions, and a property information generation unit that generates property information indicating a property of a hair based on an image imaged by imaging device (131).

IPC 8 full level  
**B26B 19/48** (2006.01); **B26B 19/46** (2006.01)

CPC (source: EP)  
**B26B 19/388** (2013.01); **B26B 19/46** (2013.01); **B26B 19/48** (2013.01)

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

Designated validation state (EPC)  
KH MA MD TN

DOCDB simple family (publication)  
**EP 4296022 A1 20231227**; CN 116867623 A 20231010; JP 2022124526 A 20220826; WO 2022176538 A1 20220825

DOCDB simple family (application)  
**EP 22755862 A 20220126**; CN 202280014127 A 20220126; JP 2021022219 A 20210216; JP 2022002792 W 20220126