

Information on Search Strategy - Pilot phase (see OJ 2015, A86)

The type of information contained in this sheet may change during the pilot for improving the usefulness of this new service.

Application Number

PCT/EP2019/081861

TITLE: HAIR-CUTTING UNIT WITH CUTTER BLOCKING PREVENTION

APPLICANT: KONINKLIJKE PHILIPS N.V.

IPC CLASSIFICATION: B26B19/14

EXAMINER: Rattenberger, B

CONSULTED DATABASES: WPI

CLASSIFICATION SYMBOLS DEFINING EXTENT OF THE SEARCH:

IPC:

CPC: B26B19/141, B26B19/143

FI/F-TERMS:

KEYWORDS OR OTHER ELEMENTS FEATURING THE INVENTION:

A rotary hair-cutting unit comprises an internal cutting member having cutting elements with cutting edges, and an external cutting member having hair-guiding elements with counter-cutting edges, wherein the co-operating edges are enclosing a shearing angle, so that during rotation a cutting edge first meets a counter-cutting edge at a radial initial-passing position such that in a cross-section at said radial initial-passing position and taken perpendicularly to the radial direction, only one of the internal cutting member and the external cutting member is provided with a particular abutment geometry, wherein even in cases where a hair-guiding element is deeply depressed towards a rotating cutting element, the abutment geometry will be effective to push the depressed hair-guiding element and the rotating cutting element axially away from one another, so that the cutting element will pass the hair-guiding element without being blocked and without causing substantial collision damage.