

Title (en)  
AUTOMATIC SAFETY NAIL CLIPPER

Title (de)  
AUTOMATISCHER SICHERHEITSNAGELKNIPSER

Title (fr)  
COUPE-ONGLES DE SÉCURITÉ AUTOMATIQUE

Publication  
**EP 2845512 B1 20180523 (EN)**

Application  
**EP 13861487 A 20130731**

Priority  
• CN 201310139710 A 20130422  
• CN 2013080469 W 20130731

Abstract (en)  
[origin: EP2845512A1] The present invention provides an automatic and safe manicuring tool, comprising a disk blade, a blade driving device and a cover, wherein the blade driving device is connected to the disk blade, nail openings are provided on the cover and the nail openings are corresponding to the disk blade, characterized in that a plurality of nail openings of different size are provided on the periphery of the cover, and protruded arc slices are provided at the nail openings. As there is a plurality of nail openings in the structure provided by the present invention, an appropriate nail opening can be selected according to the size of a finger or toe for manicuring. Meanwhile, protruded arc slices are provided at the nail openings, so muscle on the finger or toe can be obstructed outside the nail openings to avoid injury to the finger or toe during manicuring. With selectable nail openings, the automatic and safe manicuring tool can be applied to the general population, and is safe and efficient in use.

IPC 8 full level  
**A45D 29/02** (2006.01)

CPC (source: EP US)  
**A45D 29/02** (2013.01 - US); **A45D 29/05** (2013.01 - EP US); **A45D 29/06** (2013.01 - EP US)

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

DOCDB simple family (publication)  
**EP 2845512 A1 20150311; EP 2845512 A4 20151209; EP 2845512 B1 20180523**; CN 103222724 A 20130731; CN 103222724 B 20150708; JP 2015535446 A 20151214; JP 6043437 B2 20161214; KR 20150096378 A 20150824; US 2016029768 A1 20160204; WO 2014173030 A1 20141030

DOCDB simple family (application)  
**EP 13861487 A 20130731**; CN 2013080469 W 20130731; CN 201310139710 A 20130422; JP 2015543257 A 20130731; KR 20157012629 A 20130731; US 201314647123 A 20130731