

Title (en)  
IRRADIATING APPARATUS FOR FINGER NAILS

Publication  
**EP 0352402 A3 19921014 (DE)**

Application  
**EP 89104347 A 19890311**

Priority  
DE 3825324 A 19880726

Abstract (en)  
[origin: EP0352402A2] Irradiating apparatuses for fingernails for the hardening of photopolymerisable plastics on fingernails are known having a housing which has a bottom plate, in which housing a support body with grooves is arranged at the outer contour for positioning of the fingers of the hand to be irradiated, and having at least one irradiation lamp which at least partially encloses the support body with clearance in the irradiation position, the support body being accessible in the irradiation position via a housing opening. In order to provide an apparatus which fulfils the requirements specified, which guarantees even irradiation of all fingernails both of the left hand and of the right hand, the radiation emerging from the irradiation lamp essentially impinging on the fingernails to be hardened, in which apparatus fingernails even of great length can be irradiated and a comfortable hand position is provided during irradiation even over a prolonged time in the range of half a minute, the support body has an approximately cylindrical or frustoconical outer contour at least in the region of the grooves, the grooves being constructed in the form of channels which extend essentially in the direction of the axis of the support body, and the axis of the support body enclosing an angle with the perpendicular to the surface of the bottom plate in the range of 0 to 90 DEG .

IPC 1-7  
**A45D 29/18**

IPC 8 full level  
**A45D 29/18** (2006.01); **A45D 29/22** (2006.01); **G21K 5/02** (2006.01)

CPC (source: EP US)  
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Citation (search report)  
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Designated contracting state (EPC)  
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**EP 0352402 A2 19900131**; **EP 0352402 A3 19921014**; AU 3891089 A 19900201; AU 615092 B2 19910919; DE 3825324 A1 19900201; DE 3825324 C2 19921022; JP H0274209 A 19900314; US 4988883 A 19910129

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