

Title (en)  
CONSTRUCTIVE DISPOSITION INTRODUCED IN PLIERS

Title (de)  
STRUKTURELEMENT FÜR ZANGEN

Title (fr)  
ELEMENT DE STRUCTURE POUR PINCES

Publication  
**EP 1105020 B1 20020814 (EN)**

Application  
**EP 00938353 A 20000615**

Priority  
• BR 0000062 W 20000615  
• BR 7901285 U 19990615

Abstract (en)  
[origin: WO0076364A1] "Constructive disposition introduced in pliers", of the type that may be utilized for cutting of nails and/or cuticles, and that comprises that its gripping handles (1) are specially produced by injection, where the same show a structure (3) of the bicomponent type; said structure (3) of the gripping handle (1), comprises two regions, being one external region (4) preferably produced in Santoprene, and another internal region (5), constitutive of the body (6) of the pliers, and that is manufactured in high resistance Nylon added with thirty per cent (30 %) of fiberglass.

IPC 1-7  
**A45D 29/02**; B26B 13/12; A01G 3/02

IPC 8 full level  
**A45D 29/02** (2006.01); **A45D 29/16** (2006.01); **B26B 13/12** (2006.01); **B26B 17/00** (2006.01)

CPC (source: EP KR)  
**A45D 29/02** (2013.01 - EP KR); **B25B 7/22** (2013.01 - KR); **B26B 13/12** (2013.01 - EP); **B26B 17/006** (2013.01 - KR)

Cited by  
US10730173B2; US11766772B2

Designated contracting state (EPC)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 0076364 A1 20001221**; AT E222069 T1 20020815; AU 5376800 A 20010102; BR 7901285 U 20010102; CA 2340779 A1 20001221; CN 1162105 C 20040818; CN 1313733 A 20010919; DE 60000330 D1 20020919; DE 60000330 T2 20030417; EP 1105020 A1 20010613; EP 1105020 B1 20020814; ES 2181657 T3 20030301; HK 1037940 A1 20020301; JP 2003501192 A 20030114; KR 20010072685 A 20010731; PT 1105020 E 20030131; TW 579923 U 20040311

DOCDB simple family (application)  
**BR 0000062 W 20000615**; AT 00938353 T 20000615; AU 5376800 A 20000615; BR 7901285 U 19990615; CA 2340779 A 20000615; CN 00801117 A 20000615; DE 60000330 T 20000615; EP 00938353 A 20000615; ES 00938353 T 20000615; HK 01108565 A 20011206; JP 2001502718 A 20000615; KR 20017001976 A 20010215; PT 00938353 T 20000615; TW 91218456 U 20010413