

Title (en)  
Metal scissors and production process thereof

Title (de)  
Metallscheren und deren Herstellungsprozess

Title (fr)  
Ciseaux métalliques et leur procédé de fabrication

Publication  
**EP 1356899 A1 20031029 (EN)**

Application  
**EP 03004886 A 20030306**

Priority  
JP 2002126478 A 20020426

Abstract (en)  
Metal scissors (1) having grips (4) which provide a good touch are not liable to be slippery even when used by a wet hand and are free from the possibility that the surface of a base material (5) is not exposed even if the surface of the grip (4) is abraded or scratched, and a production process of the metal scissors (1). Grips (4) each comprise a titanium coating layer (6) which is formed on the surface of a base material (5) and a polymer compound coating layer (7) which is formed on the layer (6) and has excellent abrasion resistance and scratch resistance. <IMAGE>

IPC 1-7  
**B26B 13/00**; **B26B 13/12**

IPC 8 full level  
**B26B 13/00** (2006.01); **B26B 13/12** (2006.01)

CPC (source: EP)  
**B26B 13/00** (2013.01); **B26B 13/12** (2013.01)

Citation (search report)  
• [A] WO 9907527 A1 19990218 - MOLECULAR METALLURG INC [US]  
• [A] US 5152774 A 19921006 - SCHROEDER WILLIAM A [US]

Designated contracting state (EPC)  
DE GB

DOCDB simple family (publication)  
**EP 1356899 A1 20031029**; **EP 1356899 B1 20051109**; DE 03004886 T1 20040826; DE 60302173 D1 20051215; DE 60302173 T2 20060727; JP 2003311040 A 20031105; JP 4342769 B2 20091014

DOCDB simple family (application)  
**EP 03004886 A 20030306**; DE 03004886 T 20030306; DE 60302173 T 20030306; JP 2002126478 A 20020426