

Title (en)
COATED CUTTING TOOL

Title (de)
BESCHICHTETES SCHNEIDWERKZEUG

Title (fr)
OBJET TRANCHANT DOTE D'UN REVETEMENT

Publication
EP 0579756 B1 19980715 (EN)

Application
EP 92910857 A 19920309

Priority
• US 9201946 W 19920309
• US 68095791 A 19910405

Abstract (en)
[origin: WO9217323A1] A coated cutting tool, e.g., a razor blade is covered with a coating comprising a material selected from the group consisting of: titanium carbonitride; tungsten carbide; zirconium nitride; titanium aluminum nitride; mixtures of chromium, boron carbide and silicon carbide; mixtures of titanium diboride and chromium; mixtures of titanium diboride and titanium carbonitride; and mixtures thereof. The coating is then covered with a film that is preferably a fluorocarbon polymer and more preferably Vydax <R>.

IPC 1-7
B26B 21/60

IPC 8 full level
B26B 21/60 (2006.01); **C23C 14/06** (2006.01); **C23C 16/30** (2006.01)

CPC (source: EP)
B26B 21/60 (2013.01)

Cited by
US11472053B2; US9180599B2; US11559913B2; US11858158B2

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
WO 9217323 A1 19921015; AU 1772292 A 19921102; DE 69226266 D1 19980820; DE 69226266 T2 19981217; EP 0579756 A1 19940126; EP 0579756 B1 19980715; JP H06508533 A 19940929; MX 9201490 A 19921001

DOCDB simple family (application)
US 9201946 W 19920309; AU 1772292 A 19920309; DE 69226266 T 19920309; EP 92910857 A 19920309; JP 50994592 A 19920309; MX 9201490 A 19920401