

Title (en)
Improved blade edge

Title (de)
Verbesserte Klingenkante

Title (fr)
Arrête de lame améliorée

Publication
EP 0884142 A1 19981216 (EN)

Application
EP 98304533 A 19980609

Priority
US 87244397 A 19970610

Abstract (en)
A blade edge with increased durability and a reduced cut force and a method for manufacturing the same. The blade edge is thickened by depositing a coating or grinding. A thin film having a low coefficient of friction, such as amorphous diamond, is then applied to the edge. An additional layer of a lubricious polymer may then be applied. The resulting blade edge has a significantly reduced cut force over existing razor blades and also has greatly increased durability. <IMAGE>

IPC 1-7
B26B 21/60; **B26B 21/54**

IPC 8 full level
B26B 21/54 (2006.01); **B26B 21/60** (2006.01)

CPC (source: EP)
B26B 21/54 (2013.01); **B26B 21/60** (2013.01)

Citation (applicant)
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