

Title (en)  
RAZOR BLADE TECHNOLOGY

Title (de)  
RASIERKLINGENTECHNOLOGIE

Title (fr)  
TECHNOLOGIE DE LAME DE RASOIR

Publication  
**EP 2454056 B1 20140319 (EN)**

Application  
**EP 10800475 A 20100714**

Priority  
• US 2010041964 W 20100714  
• US 22558609 P 20090715

Abstract (en)  
[origin: WO2011008851A2] A razor cartridge includes razor blade assemblies having an inter-blade guard attached to a side of a razor blade. The razor blade is formed from strip that is manufactured including a thermal oxidation process to form a chromium oxide layer on the side surface of the razor blade. This oxide film prevents electrochemical corrosion of the razor blade that may be visible to a user and prevents real or perceived premature failure of the razor blade and thus the razor cartridge during its extended life. The razor blade assembly may also have an array of closely spaced droplets of a liquid adapted to inhibit corrosion of the razor blade applied to the side of the razor blade visible to a user.

IPC 8 full level  
**B26B 21/58** (2006.01); **B26B 21/40** (2006.01); **B26B 21/56** (2006.01); **C25D 3/04** (2006.01)

CPC (source: EP)  
**B26B 21/4018** (2013.01); **B26B 21/4068** (2013.01); **B26B 21/4081** (2013.01); **B26B 21/565** (2013.01)

Cited by  
US11712814B2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
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EP 2454056 A2 20120523; EP 2454056 A4 20121128; EP 2454056 B1 20140319; JP 2012533356 A 20121227; JP 5830823 B2 20151209;  
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