

Title (en)  
Iron sole with a surface blast-treated with microspheres

Title (de)  
Bügeleisensohle mit einer, mit Mikrokugeln , gestrahlten Oberfläche

Title (fr)  
Semelle de fer à repasser microbillée

Publication  
**EP 1114889 A1 20010711 (FR)**

Application  
**EP 00420262 A 20001220**

Priority  
FR 9916688 A 19991229

Abstract (en)  
The working surface (1) of steel or stainless steel soleplate (2) is composed of crystal grains that are deformed by compression, applied perpendicular to the surface. The dislocation per unit volume is 40% greater on the surface than that in the interior of soleplate. An Independent claim is also included for process of treating metal soleplate.

Abstract (fr)  
- Semelle de fer à repasser microbillée. - L'invention concerne une semelle métallique (2) de fer à repasser. - Conformément à l'invention, sa surface de travail présente des grains déformés par compression perpendiculaire à la surface, le nombre de dislocations métalliques par unité de volume étant supérieur d'au moins 40% à celle du métal au coeur de la semelle. <IMAGE>

IPC 1-7  
**D06F 75/38**

IPC 8 full level  
**D06F 75/38** (2006.01)

CPC (source: EP US)  
**D06F 75/38** (2013.01 - EP US)

Citation (search report)  
• [XA] US 2750691 A 19560619 - PARR BERNARD F  
• [AD] EP 0726351 A1 19960814 - BRAUN AG [DE]  
• [AD] FR 2567929 A3 19860124 - DMD SRL [IT]

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