

Title (en)

Iron sole with a surface blast-treated with microspheres

Title (de)

Bügeleisensole mit einer, mit Mikrokugeln , gestrahlten Oberfläche

Title (fr)

Semelle de fer à repasser microbillée

Publication

**EP 1114889 B1 20041006 (FR)**

Application

**EP 00420262 A 20001220**

Priority

FR 9916688 A 19991229

Abstract (en)

[origin: EP1114889A1] 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.

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)

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

**EP 1114889 A1 20010711; EP 1114889 B1 20041006**; AT E278832 T1 20041015; DE 60014569 D1 20041111; DE 60014569 T2 20051013; ES 2228433 T3 20050416; FR 2803310 A1 20010706; FR 2803310 B1 20020524; HK 1036490 A1 20020104; JP 2001204999 A 20010731; PT 1114889 E 20050228; US 2001005951 A1 20010705; US 6446371 B2 20020910

DOCDB simple family (application)

**EP 00420262 A 20001220**; AT 00420262 T 20001220; DE 60014569 T 20001220; ES 00420262 T 20001220; FR 9916688 A 19991229; HK 01107416 A 20011024; JP 2000391501 A 20001222; PT 00420262 T 20001220; US 75019100 A 20001229