

Title (en)
SURFACE TREATMENT METHOD AND TREATMENT APPARATUS

Title (de)
OBERFLÄCHENBEHANDLUNGSVERFAHREN UND -VORRICHTUNG

Title (fr)
PROCEDE ET APPAREIL DE TRAITEMENT DE SURFACE

Publication
EP 1165852 A4 20030502 (EN)

Application
EP 00906046 A 20000207

Priority

- AU 0000069 W 20000207
- AU PP854599 A 19990208
- AU PP854699 A 19990208
- CA 2354887 A 20010809

Abstract (en)
[origin: WO0047794A1] A method for treating a substrate in a fluidised bed treatment facility using a halide gas plus a nitrogen and/or carbon containing gas introduced from a source separate to the source of halide gas, such that a surface layer forms on the substrate and includes at least one species chosen from the group comprising carbides, nitrides, carbonitrides, oxycarbonitrides and mixtures thereof. There is also provided an arrangement for introducing gases to a fluidised bed treatment facility.

IPC 1-7
C23C 8/06; C23C 8/08; C23C 8/20; C23C 8/22; C23C 8/24; C23C 8/26; C23C 8/28; C23C 8/30; C23C 8/32; C23C 16/442; B01J 8/24

IPC 8 full level
C23C 8/20 (2006.01); **C23C 8/22** (2006.01); **C23C 8/24** (2006.01); **C23C 8/26** (2006.01); **C23C 8/28** (2006.01); **C23C 8/30** (2006.01); **C23C 8/32** (2006.01)

CPC (source: EP)
C23C 8/20 (2013.01); **C23C 8/22** (2013.01); **C23C 8/24** (2013.01); **C23C 8/26** (2013.01); **C23C 8/28** (2013.01); **C23C 8/30** (2013.01); **C23C 8/32** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 0047794A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0047794 A1 20000817; CA 2354887 A1 20030209; EP 1165852 A1 20020102; EP 1165852 A4 20030502

DOCDB simple family (application)
AU 0000069 W 20000207; CA 2354887 A 20010809; EP 00906046 A 20000207