

Title (en)
NOVEL SILICON CARBIDE DUMMY WAFER

Title (de)
NEUER SILICIUMCARBID ERSATZWAFER

Title (fr)
NOUVELLE TRANCHE VIERGE AU CARBURE DE SILICIUM

Publication
EP 0758310 A1 19970219 (EN)

Application
EP 96908623 A 19960228

Priority
• US 9602880 W 19960228
• US 39697095 A 19950301

Abstract (en)
[origin: WO9626910A1] The present invention relates to an unsiliconized or siliconized wafer consisting essentially of recrystallized silicon carbide, the wafer having a diameter of at least 150 mm and a thickness of between 0.5 and 2 mm, and having a porosity or free silicon content between 15 v/o and 43 v/o.

IPC 1-7
C04B 35/573; C30B 31/10; C04B 41/87; C04B 38/00

IPC 8 full level
C04B 35/565 (2006.01); **C04B 35/573** (2006.01); **C04B 38/00** (2006.01); **C04B 41/87** (2006.01); **C30B 25/02** (2006.01); **H01L 21/02** (2006.01)

CPC (source: EP KR)
C04B 35/573 (2013.01 - EP KR); **C04B 35/575** (2013.01 - EP); **C04B 35/62655** (2013.01 - EP); **C04B 35/632** (2013.01 - EP); **C04B 35/63424** (2013.01 - EP); **C04B 38/00** (2013.01 - EP); **C04B 41/009** (2013.01 - EP); **C04B 41/5059** (2013.01 - EP); **C04B 41/87** (2013.01 - EP); **C30B 25/02** (2013.01 - EP); **C30B 29/06** (2013.01 - EP); **C04B 2235/3826** (2013.01 - EP); **C04B 2235/428** (2013.01 - EP); **C04B 2235/5472** (2013.01 - EP); **C04B 2235/6027** (2013.01 - EP); **C04B 2235/608** (2013.01 - EP); **C04B 2235/61** (2013.01 - EP); **C04B 2235/616** (2013.01 - EP); **C04B 2235/661** (2013.01 - EP); **C04B 2235/77** (2013.01 - EP); **C04B 2235/95** (2013.01 - EP)

C-Set (source: EP)
1. **C04B 38/00 + C04B 20/0076 + C04B 35/565 + C04B 38/0051 + C04B 38/0074 + C04B 41/4531 + C04B 41/5059**
2. **C04B 38/00 + C04B 20/0076 + C04B 35/565 + C04B 38/0051 + C04B 38/0074 + C04B 41/5035**
3. **C04B 38/00 + C04B 20/0076 + C04B 35/565 + C04B 38/0051 + C04B 38/0074 + C04B 41/5096**
4. **C04B 41/5059 + C04B 41/4531**
5. **C04B 41/009 + C04B 35/565**
6. **C04B 41/009 + C04B 35/573**
7. **C04B 41/009 + C04B 38/00**

Citation (search report)
See references of WO 9626910A1

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

DOCDB simple family (publication)
WO 9626910 A1 19960906; AU 5180496 A 19960918; BR 9605818 A 19970916; CA 2188290 A1 19960906; CN 1147806 A 19970416; CZ 321196 A3 19970416; EP 0758310 A1 19970219; JP 2000513689 A 20001017; KR 970702830 A 19970610; MX 9605290 A 19971031

DOCDB simple family (application)
US 9602880 W 19960228; AU 5180496 A 19960228; BR 9605818 A 19960228; CA 2188290 A 19960228; CN 96190134 A 19960228; CZ 321196 A 19960228; EP 96908623 A 19960228; JP 52644196 A 19960228; KR 19960706158 A 19961101; MX 9605290 A 19960228