

Title (en)
X-ray windows.

Title (de)
Röntgenstrahlenfenster.

Title (fr)
Fenêtres pour rayons.

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Application
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Abstract (en)
An X-ray window comprising a membrane of diamond one surface of which has formed upon it an array of diamond ribs so as to provide an integral supporting structure. Methods of manufacturing also are described. <IMAGE>

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G21K 1/10; **H01J 35/18**

IPC 8 full level
C01B 31/06 (2006.01); **C23C 14/06** (2006.01); **C23C 16/02** (2006.01); **C23C 16/26** (2006.01); **C23C 16/27** (2006.01); **C23C 16/56** (2006.01); **C23F 1/00** (2006.01); **G21K 1/10** (2006.01); **G21K 5/00** (2006.01); **H01J 35/18** (2006.01)

CPC (source: EP)
G21K 1/10 (2013.01)

Citation (search report)
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• [A] WO 9300685 A1 19930107 - MUELLER MARGHERITA T & LF [US], et al
• [A] US 5039203 A 19910813 - NISHIKAWA AKIRA [JP]
• [A] DATABASE INSPEC INSTITUTE OF ELECTRICAL ENGINEERS, STEVENAGE, GB; RAVET M F ET AL: "Realization of x-ray lithography masks based on diamond membranes" & MATERIALS ASPECTS OF X-RAY LITHOGRAPHY. SYMPOSIUM, MATERIALS ASPECTS OF X-RAY LITHOGRAPHY. SYMPOSIUM, SAN FRANCISCO, CA, USA, 12-14 APRIL 1993, 1993, PITTSBURGH, PA, USA, MATER. RES. SCO, USA, pages 103 - 109

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