

Title (en)

X-RAY OR NEUTRON MONOCHROMATOR

Title (de)

RÖNTGEN- ODER NEUTRONEN-MONOCHROMATISIERER

Title (fr)

MONOCHROMATEUR A RAYONS X OU A NEUTRONS

Publication

**EP 1842209 A1 20071010 (FR)**

Application

**EP 06709137 A 20060120**

Priority

- FR 2006000133 W 20060120
- FR 0500657 A 20050121

Abstract (en)

[origin: US7702072B2] The invention relates to a monochromator device for selecting at least one wavelength band from incident radiation in a given wavelength range. The monochromator device may include at least one optical layer of a monocrystalline material having a crystallographic line that is adapted to the at least one wavelength band to be selected; and a mechanical substrate. The at least one optical layer and the mechanical substrate are assembled by molecular bonding.

IPC 8 full level

**G21K 1/06** (2006.01)

CPC (source: EP US)

**G21K 1/06** (2013.01 - EP US); **G21K 2201/062** (2013.01 - EP US); **G21K 2201/067** (2013.01 - EP US); **Y10T 29/49826** (2015.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2881264 A1 20060728**; **FR 2881264 B1 20070601**; AT E544159 T1 20120215; EP 1842209 A1 20071010; EP 1842209 B1 20120201; JP 2008528959 A 20080731; JP 5173435 B2 20130403; US 2008279332 A1 20081113; US 7702072 B2 20100420; WO 2006077329 A1 20060727

DOCDB simple family (application)

**FR 0500657 A 20050121**; AT 06709137 T 20060120; EP 06709137 A 20060120; FR 2006000133 W 20060120; JP 2007551708 A 20060120; US 81433006 A 20060120