

Title (en)  
CONDENSER-MONOCROMATOR ARRANGEMENT FOR X-RADIATION

Title (de)  
KONDENSOR-MONOCROMATOR-ANORDNUNG FÜR RÖNTGENSTRAHLUNG

Title (fr)  
SYSTEME DE CONDENSATEUR-MONOCROMATEUR POUR RAYONNEMENT X

Publication  
**EP 0873565 A2 19981028 (DE)**

Application  
**EP 97906992 A 19970110**

Priority  
• DE 9700033 W 19970110  
• DE 19600701 A 19960110  
• DE 19633047 A 19960818

Abstract (en)  
[origin: DE19700615A1] A X-ray monochromator condenser arrangement to quasi-monochromatically illuminate an object (4) and generate a non-coherent image in an X-ray microscope (5) which has optical reflectors and a monochrome aperture blind (11) arranged on the optical axis (6) of the microscope (5), where the novelty is that the microscope has an off-axis zoneplate (7) and at least one plane mirror (2) which can be rotated about the optical axis (6). There is at least one plane mirror (2) arranged, either or both, before or after the zoneplate (7) in the X-ray beam (1).

IPC 1-7  
**G21K 1/06**; **G21K 7/00**

IPC 8 full level  
**G21K 1/06** (2006.01); **G21K 7/00** (2006.01)

CPC (source: EP US)  
**G21K 1/06** (2013.01 - EP US); **G21K 7/00** (2013.01 - EP US)

Citation (search report)  
See references of WO 9725722A2

Cited by  
EP1100092A3

Designated contracting state (EPC)  
CH DE DK FR GB IT LI SE

DOCDB simple family (publication)  
**DE 19700615 A1 19970717**; DE 59700582 D1 19991125; EP 0873565 A2 19981028; EP 0873565 B1 19991020; JP 3069131 B2 20000724; JP H11508692 A 19990727; US 6128364 A 20001003; WO 9725722 A2 19970717; WO 9725722 A3 19970904

DOCDB simple family (application)  
**DE 19700615 A 19970110**; DE 59700582 T 19970110; DE 9700033 W 19970110; EP 97906992 A 19970110; JP 52474897 A 19970110; US 10146898 A 19980710