

Title (en)

Radiation beam collimation device.

Title (de)

Strahlungsbündel-Kollimatorvorrichtung.

Title (fr)

Dispositif de collimation de faisceaux d'un rayonnement.

Publication

EP 0603043 A1 19940622 (FR)

Application

EP 93402997 A 19931213

Priority

FR 9215028 A 19921214

Abstract (en)

Device for collimating radiation beams. This device comprises a plurality of parallel layers (8) of threads (10) which are made of or covered with a material which is capable of absorbing the radiation. Application to the collimation of neutron beams. <IMAGE>

Abstract (fr)

Dispositif de collimation de faisceaux d'un rayonnement. Ce dispositif comprend une pluralité de nappes parallèles (8) de fils (10) qui sont faits ou recouverts d'un matériau capable d'absorber le rayonnement. Application à la collimation de faisceaux de neutrons. <IMAGE>

IPC 1-7

G21K 1/02

IPC 8 full level

G21K 1/02 (2006.01)

CPC (source: EP US)

G21K 1/025 (2013.01 - EP US)

Citation (search report)

- [A] DE 2547981 A1 19770428 - LUIG HERIBERT DIPL PHYS DR RER
- [A] US H897 H 19910305
- [A] BRADT ET AL.: "The modulation collimator in X-ray astronomy", SPACE SCIENCE REVIEWS, no. 8, 1968, DORDRECHT-HOLLAND, pages 471 - 506
- [A] CLARKE ET AL.: "Wire-wound multi-aperture collimator", PHYSICS IN MEDECINE AND BIOLOGY, vol. 24, no. 2, 1979, LONDON GB, pages 438 - 439

Cited by

CN109671513A; EP0999555A1; US6327341B1; WO9931674A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0603043 A1 19940622; EP 0603043 B1 19980506; DE 69318381 D1 19980610; DE 69318381 T2 19981119; FR 2699319 A1 19940617; FR 2699319 B1 19950310; US 5468970 A 19951121

DOCDB simple family (application)

EP 93402997 A 19931213; DE 69318381 T 19931213; FR 9215028 A 19921214; US 16674693 A 19931214