

Title (en)
NUCLEAR-RADIATION ABSORBER

Publication
EP 0255484 B1 19911106 (FR)

Application
EP 87810420 A 19870727

Priority
CH 305486 A 19860730

Abstract (en)
[origin: US4865645A] The nuclear radiation metallic absorber contains a metallic copper alloy containing 0.05 to 50% of boron in weight, compared to the total alloy weight, preferably 0.05 to 10% boron in weight, compared to the total alloy weight. Moreover it may contain additional elements such as neutron absorbing elements, mechanical, physical and technological properties reinforcing elements, fibres or anti-corrosion elements. It may more specifically be used for neutron and gamma and X radiation absorption.

IPC 1-7
C22C 9/00; **G21F 1/02**

IPC 8 full level
C22C 9/00 (2006.01); **G21F 1/02** (2006.01)

CPC (source: EP US)
C22C 9/00 (2013.01 - EP US); **G21F 1/02** (2013.01 - EP US)

Citation (examination)
Dies, Kupfer und Kupferlegierungen in der Technik, 1967, Springer-Verlag, p. 404-409)

Cited by
FR2733997A1; US5925313A

Designated contracting state (EPC)
DE ES FR GB IT

DOCDB simple family (publication)
EP 0255484 A1 19880203; **EP 0255484 B1 19911106**; CH 667880 A5 19881115; DE 3774353 D1 19911212; ES 2028126 T3 19920701; US 4865645 A 19890912

DOCDB simple family (application)
EP 87810420 A 19870727; CH 305486 A 19860730; DE 3774353 T 19870727; ES 87810420 T 19870727; US 30304889 A 19890130