

Title (en)
BETATRON COMPRISING A YOKE MADE OF COMPOSITE POWDER

Title (de)
BETATRON MIT EINEM JOCH AUS PULVERVERBUNDWERKSTOFF

Title (fr)
BETATRON POURVU D'UNE CULASSE EN MATERIAU COMPOSITE

Publication
EP 2082628 B1 20180131 (DE)

Application
EP 07818057 A 20070906

Priority
• EP 2007007766 W 20070906
• DE 102006050949 A 20061028

Abstract (en)
[origin: DE102006050949A1] The betatron (1) has a rotation-symmetric internal yoke with two parts (2a, 2b), which are arranged at a distance to each other. An external yoke (4) is connected to the parts of the internal yoke. A torus-shaped betatron tube (5) is arranged between the internal yoke parts, where the internal yoke and/or the external yoke consists of a powder composite substance e.g. soft-magnetic materials. A round blank sheet (3) is arranged in such a manner that a longitudinal axis of the blank sheet coincides with a rotational symmetry axis of the internal yoke. An independent claim is also included for a X-ray testing device with a target.

IPC 8 full level
H05H 11/04 (2006.01)

CPC (source: EP US)
H05G 2/00 (2013.01 - EP US); **H05H 11/04** (2013.01 - EP US)

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