

Title (en)

Protective resistor circuitry for limiting current at X-ray generators.

Title (de)

Schaltungsanordnung mit einem Schutzwiderstand zur Strombegrenzung bei Röntgenstrahlern.

Title (fr)

Circuit comportant une résistance de protection pour limiter le courant dans un générateur de rayons X.

Publication

**EP 0267568 B1 19940209 (DE)**

Application

**EP 87116532 A 19871109**

Priority

DE 3639088 A 19861114

Abstract (en)

[origin: EP0267568A2] The protective resistor (S) is arranged in or on the X-ray emitter (RS) in order to limit, in the event of a breakdown, even the current resulting from the cable capacitance (C) of the high-voltage cable (HK) between the X-ray generator (HE) and the X-ray emitter (RS). The invention is used in technical X-ray devices in which the X-ray emitter is connected to the X-ray generator by a high-voltage cable which is up to 10 m long. <IMAGE>

IPC 1-7

**H05G 1/06**; **H05G 1/54**

IPC 8 full level

**H05G 1/06** (2006.01); **H05G 1/08** (2006.01); **H05G 1/54** (2006.01)

CPC (source: EP)

**H05G 1/06** (2013.01); **H05G 1/08** (2013.01); **H05G 1/54** (2013.01)

Cited by

EP0416696A3; EP0515198A1; EP0421720A3; US5229743A; EP0497517A1; EP0592164A1; US5347571A; US4972459A; WO9210921A1

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