

Title (en)

HIGH-VOLTAGE SUPPLY FOR AN X-RAY DEVICE

Title (de)

HOCHSPANNUNGS-VERSORGUNG FÜR EINE RÖNTGENEINRICHTUNG

Title (fr)

ALIMENTATION HAUTE TENSION POUR UN DISPOSITIF A RAYONS X

Publication

EP 1584220 B1 20100929 (DE)

Application

EP 03785820 A 20031215

Priority

- DE 10300542 A 20030109
- EP 0314257 W 20031215

Abstract (en)

[origin: WO2004064458A2] The invention relates to a high-voltage supply (11, 13, 23) for an X-ray device. The X-ray device comprises an X-ray tube (15) and an X-ray generator (1), for generation of the high voltage necessary for operating the X-ray tube (15). The high voltage supply (11, 13, 23) comprises electrically-conducting lines (11, 13), for the connection of the X-ray generator to the X-ray tube (15). Each of the lines (11, 13) comprises one end which may be connected to the X-ray generator (1) and a further end which may be connected to the X-ray tube (15). According to the invention, at least one end of at least one of the lines (11, 13) may be connected to an electrical terminal resistor (39) which may be arranged between the line (11, 13) and the X-ray generator (1), or between the line (11, 13) and the X-ray tube (15).

IPC 8 full level

H05G 1/54 (2006.01); **H05G 1/12** (2006.01)

CPC (source: EP US)

H05G 1/12 (2013.01 - EP US); **H05G 1/54** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2004064458 A2 20040729; WO 2004064458 A3 20040916; AT E483350 T1 20101015; AU 2003294854 A1 20040810; AU 2003294854 A8 20040810; DE 10300542 A1 20040722; DE 50313141 D1 20101111; EP 1584220 A2 20051012; EP 1584220 B1 20100929; ES 2352431 T3 20110218; US 2006023841 A1 20060202; US 7110499 B2 20060919

DOCDB simple family (application)

EP 0314257 W 20031215; AT 03785820 T 20031215; AU 2003294854 A 20031215; DE 10300542 A 20030109; DE 50313141 T 20031215; EP 03785820 A 20031215; ES 03785820 T 20031215; US 17570805 A 20050706