

Title (en)
TRAVELLING-WAVE TUBE PROVIDED WITH A MICROWAVE DELAY LINE STRUCTURE COMPRISING A CONDUCTOR WITH VARIABLE CROSS-SECTION

Publication
EP 0020209 B1 19840222 (FR)

Application
EP 80400624 A 19800508

Priority
FR 7913198 A 19790523

Abstract (en)
[origin: US4377770A] A helical microwave delay line for a travelling-wave tube, constituted by a conductor held in the envelope of the tube by insulating bars. The width of the conductor in contact with the supporting bars increases along the tube axis, particularly towards the microwave energy output.

IPC 1-7
H01J 23/26

IPC 8 full level
H01J 23/26 (2006.01); **H01J 25/36** (2006.01); **H01P 9/00** (2006.01)

CPC (source: EP US)
H01J 23/26 (2013.01 - EP US)

Designated contracting state (EPC)
DE GB

DOCDB simple family (publication)
EP 0020209 A1 19801210; EP 0020209 B1 19840222; CA 1168361 A 19840529; DE 3066675 D1 19840329; FR 2457560 A1 19801219;
FR 2457560 B1 19820514; JP S55155447 A 19801203; US 4377770 A 19830322

DOCDB simple family (application)
EP 80400624 A 19800508; CA 352500 A 19800522; DE 3066675 T 19800508; FR 7913198 A 19790523; JP 6719680 A 19800522;
US 15217380 A 19800522