

Title (en)

Direct-heating-type dispenser cathode structure.

Title (de)

Direkt beheizte Vorratskathodenstruktur.

Title (fr)

Structure de cathode à réserve du type à chauffage direct.

Publication

EP 0641007 A2 19950301 (EN)

Application

EP 94300660 A 19940128

Priority

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- KR 930017567 A 19930831

Abstract (en)

A direct heating type-cathode structure is provided with filaments (200) which are secured to at least three points on the side surfaces of a porous pellet (100) formed of tungsten or molybdenum, and the cathode material thereof includes an alkaline earth metal oxide of barium. The thus-structured direct-heating-type cathode structure requires a temperature of only 950 DEG C to 980 DEG C to obtain the current density of 10A/cm<2> and is suitable for use in a color cathode ray tube and specifically in wide-screen televisions and industrial cathode ray tubes. <IMAGE>

IPC 1-7

H01J 1/15; **H01J 1/28**

IPC 8 full level

H01J 1/15 (2006.01); **H01J 1/28** (2006.01)

CPC (source: EP)

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