

Title (en)  
Flat picture tube

Title (de)  
Flache Bildröhre

Title (fr)  
Tube d'affichage plat

Publication  
**EP 0680068 B1 19980715 (EN)**

Application  
**EP 95104749 A 19950330**

Priority  
KR 19940009164 A 19940428

Abstract (en)  
[origin: EP0680068A1] A flat picture tube is disclosed which includes a heater for emitting thermions; a plurality of anodes extending vertically and arranged by a predetermined interval for absorbing the thermions; a plurality of phosphors arranged in a matrix form on the plurality of anodes and becoming luminous by the thermions absorbed to the anodes; and a plurality of grids extending horizontally and arranged by a predetermined interval for controlling the thermions to be absorbed to the anodes, thereby reducing the volume and power consumption. <IMAGE>

IPC 1-7  
**H01J 31/15; H01J 31/12**

IPC 8 full level  
**H01J 31/10** (2006.01); **H01J 29/08** (2006.01); **H01J 29/18** (2006.01); **H01J 29/28** (2006.01); **H01J 29/46** (2006.01); **H01J 31/12** (2006.01);  
**H01J 31/15** (2006.01)

CPC (source: EP KR)  
**H01J 29/085** (2013.01 - EP); **H01J 31/10** (2013.01 - KR); **H01J 31/126** (2013.01 - EP); **H01J 31/15** (2013.01 - EP); **H01J 2329/00** (2013.01 - EP)

Designated contracting state (EPC)  
DE FR GB NL

DOCDB simple family (publication)  
**EP 0680068 A1 19951102; EP 0680068 B1 19980715**; CN 1113031 A 19951206; DE 69503427 D1 19980820; DE 69503427 T2 19981210;  
JP H0922670 A 19970121; KR 0160322 B1 19981201; KR 950025836 A 19950918

DOCDB simple family (application)  
**EP 95104749 A 19950330**; CN 95105190 A 19950428; DE 69503427 T 19950330; JP 9267795 A 19950418; KR 19940009164 A 19940428