

Title (en)

Method of manufacturing a scandat cathode.

Title (de)

Verfahren zur Herstellung einer Scandat-Kathode.

Title (fr)

Méthode pour fabriquer une cathode au scandate.

Publication

**EP 0298558 A1 19890111 (EN)**

Application

**EP 88201392 A 19880704**

Priority

NL 8701583 A 19870706

Abstract (en)

A cathode body for an impregnated scandate cathode is obtained by compressing and sintering a mixture of tungsten powder with approximately 0.5% by weight of scandium, whereafter the body is impregnated.

IPC 1-7

**H01J 9/04**; **H01J 1/28**

IPC 8 full level

**H01J 1/28** (2006.01); **H01J 9/04** (2006.01)

CPC (source: EP KR)

**H01J 1/28** (2013.01 - EP); **H01J 9/04** (2013.01 - KR); **H01J 9/047** (2013.01 - EP)

Citation (search report)

- [A] EP 0179513 A1 19860430 - PHILIPS NV [NL]
- [AD] EP 0091161 A1 19831012 - PHILIPS NV [NL]
- [AD] US 4007393 A 19770208 - VAN STRATUM ANTONIUS JOHANNES, et al
- [AD] EP 0178716 A1 19860423 - PHILIPS NV [NL]
- [A] PATENT ABSTRACTS OF JAPAN, vol. 8, no. 190 (E-263)[1627], 31st August 1984; & JP-A-59 79 934 (HITACHI SEISAKUSHO K.K.) 09-05-1984

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