

Title (en)

Device and composition for liberating nitrogen gas during the manufacture of a cathode ray tube.

Title (de)

Vorrichtung und Zusammensetzung zum Freimachen von Stickstoff bei der Herstellung einer Kathodenstrahlröhre.

Title (fr)

Dispositif et composition permettant de libérer de l'azote pendant la fabrication d'un tube à rayons cathodiques.

Publication

EP 0273884 A2 19880706 (EN)

Application

EP 87830454 A 19871221

Priority

IT 2280886 A 19861222

Abstract (en)

There is described a composition able to liberate nitrogen gas during the manufacture of a cathode ray tube and in particular to control the release of this gas after its heating in the atmosphere. This composition comprises Fe₄N, Ni and Al in the form of powders preferably in certain weight ratios. There is further described the preferred particle size distributions of the three components. There is further described a preferred form of capsule, for the release of nitrogen gas, containing said composition.

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H01J 29/94; H01J 7/18; H01J 9/39

IPC 8 full level

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