

Title (en)

Radiographic film for mammography with improved processability

Title (de)

Radiographischer Silberhalogenidfilm zur Mammographie mit verbesserter Verarbeitbarkeit

Title (fr)

Film radiographique à l'halogénure d'argent ayant des caractéristiques de traitement améliorées

Publication

EP 1422560 A1 20040526 (EN)

Application

EP 03078494 A 20031106

Priority

- US 29923702 A 20021119
- US 44095003 A 20030519

Abstract (en)

A radiographic silver halide film has improved processability because it includes a silver halide emulsion composed of cubic grains having a critical molar ratio of chloride, iodide, and bromide. In particular, the cubic grains comprise from 1 to 20 mol % of chloride and from 0.25 to 1.5 mol % of iodide, with the remainder being bromide. The cubic grains also have an ECD of from 0.65 to 0.8 μ m. This film is particularly useful in mammography for imaging dense soft tissue. <IMAGE>

IPC 1-7

G03C 5/17; **G03C 1/005**

IPC 8 full level

G03C 1/00 (2006.01); **G03C 1/035** (2006.01); **G03C 1/46** (2006.01); **G03C 1/76** (2006.01); **G03C 5/16** (2006.01); **G03C 5/17** (2006.01); **G03C 5/26** (2006.01); **G03C 1/825** (2006.01)

CPC (source: EP)

G03C 5/16 (2013.01); **G03C 1/0051** (2013.01); **G03C 1/46** (2013.01); **G03C 1/825** (2013.01); **G03C 5/17** (2013.01); **G03C 5/26** (2013.01); **G03C 2001/03517** (2013.01); **G03C 2001/03541** (2013.01); **G03C 2001/03594** (2013.01); **G03C 2007/3025** (2013.01); **G03C 2200/27** (2013.01); **G03C 2200/52** (2013.01)

Citation (search report)

- [A] US 5455139 A 19951003 - WADA YASUNORI [JP], et al
- [A] US 5491058 A 19960213 - JONES RALPH W [US], et al
- [A] EP 1217433 A2 20020626 - EASTMAN KODAK CO [US]

Designated contracting state (EPC)

BE DE FR

DOCDB simple family (publication)

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DOCDB simple family (application)

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