

Title (en)

Asymmetric radiographic film for mammography and method of processing

Title (de)

Asymmetrischer radiographischer Film zur Mammographie und Verfahren für dessen Entwicklung

Title (fr)

Film radiographique assymétrique pour la mammographie et procédé pour son development

Publication

EP 1385049 A1 20040128 (EN)

Application

EP 03077193 A 20030711

Priority

- US 20146802 A 20020723
- US 43131403 A 20030507

Abstract (en)

An asymmetric radiographic silver halide film has two cubic grain silver halide emulsion layers on the frontside and a tabular grain silver halide emulsion layer on the backside. The cubic grain silver halide emulsion layer closer to the support also includes a crossover control agent to reduce crossover to the backside to less than 10% and is thinner than the outermost cubic grain silver halide emulsion layer. The backside of the support also includes an antihalation layer. These films are useful for imaging soft tissue as in mammography. <IMAGE>

IPC 1-7

G03C 5/16

IPC 8 full level

G03C 5/17 (2006.01); **G03C 1/035** (2006.01); **G03C 1/06** (2006.01); **G03C 1/46** (2006.01); **G03C 1/74** (2006.01); **G03C 1/825** (2006.01); **G03C 1/83** (2006.01); **G03C 5/16** (2006.01); **G03C 5/29** (2006.01); **G03C 5/26** (2006.01)

CPC (source: EP)

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Citation (search report)

- [DY] US 6037112 A 20000314 - DICKERSON ROBERT E [US]
- [Y] EP 0890875 A1 19990113 - AGFA GEVAERT NV [BE]
- [A] EP 0449101 A1 19911002 - EASTMAN KODAK CO [US]

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