

Title (en)

ETCHING SOLUTION AND ETCHING METHOD

Title (de)

ÄTZLÖSUNG UND ÄTZVERFAHREN

Title (fr)

SOLUTION DE GRAVURE ET PROCÉDÉ DE GRAVURE

Publication

**EP 2126967 A2 20091202 (DE)**

Application

**EP 08706778 A 20080122**

Priority

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Abstract (en)

[origin: WO2008089733A2] The invention relates to an etching solution (1) comprising water, nitric acid, hydrofluoric acid, and sulphuric acid, containing 15 to 40% by weight of nitric acid, 10 to 41% by weight of sulphuric acid and 0.8 to 2.0% by weight of hydrofluoric acid. The invention also relates to the use of said etching solution for etching silicon and to etching methods for silicon wafers.

IPC 8 full level

**H01L 21/306** (2006.01)

CPC (source: EP KR US)

**C09K 3/1463** (2013.01 - EP US); **H01L 21/02087** (2013.01 - EP US); **H01L 21/0209** (2013.01 - EP US); **H01L 21/306** (2013.01 - KR);  
**H01L 21/30604** (2013.01 - EP US); **H01L 21/31111** (2013.01 - EP US)

Citation (search report)

See references of WO 2008089733A2

Citation (examination)

- US 2337062 A 19431221 - PAGE JR FRANKLIN H
- EP 0496229 A2 19920729 - RIEDEL DE HAEN AG [DE]
- WO 2005093788 A1 20051006 - RENA SONDERMASCHINEN GMBH [DE], et al

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DOCDB simple family (publication)

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KR 20090127129 A 20091209; US 2010120248 A1 20100513; WO 2008089733 A2 20080731; WO 2008089733 A3 20090108

DOCDB simple family (application)

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KR 20097018377 A 20080122; US 52401608 A 20080122