

Title (en)

SYSTEM AND METHOD FOR COOLING SEMICONDUCTOR COATED HOT GLASS SHEETS

Title (de)

SYSTEM UND VERFAHREN ZUR KÜHLUNG HALBLEITERBESCHICHTETER HEISSGLASSCHEIBEN

Title (fr)

SYSTÈME ET PROCÉDÉ POUR REFROIDIR DES PLAQUES DE VERRE CHAUDES RECOUVERTES DE SEMI-CONDUCTEUR

Publication

EP 2247542 A1 20101110 (EN)

Application

EP 09705621 A 20090105

Priority

- US 2009030072 W 20090105
- US 2077208 A 20080128

Abstract (en)

[origin: US2009191031A1] A system (20, 20') and method for cooling semiconductor coated hot glass sheets in a cooling station (36) within a vacuum chamber (24). The semiconductor coated hot glass sheets are conveyed between radiant heat absorbing members (112) of a radiant heat absorber (110) to provide the cooling. In one embodiment the glass sheets are conveyed vertically for the cooling and in another the glass sheets are conveyed horizontally.

IPC 8 full level

C03B 25/08 (2006.01); **C03B 25/087** (2006.01); **C03B 29/08** (2006.01); **C03B 29/10** (2006.01); **C03B 35/20** (2006.01); **H01L 21/67** (2006.01); **H01L 21/677** (2006.01)

CPC (source: EP US)

C03B 25/08 (2013.01 - EP US); **C03B 25/087** (2013.01 - EP US); **C03B 29/08** (2013.01 - EP US); **C03B 29/10** (2013.01 - EP US); **C03B 35/20** (2013.01 - EP US); **H01L 21/67109** (2013.01 - EP US); **H01L 21/67173** (2013.01 - EP US); **H01L 21/67712** (2013.01 - EP US); **H01L 21/67776** (2013.01 - EP US)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

US 2009191031 A1 20090730; CN 101959810 A 20110126; EP 2247542 A1 20101110; EP 2247542 A4 20120829; WO 2009097164 A1 20090806

DOCDB simple family (application)

US 2077208 A 20080128; CN 200980107276 A 20090105; EP 09705621 A 20090105; US 2009030072 W 20090105