

Title (en)

PERFORATED TRANSPARENT GLAZING FOR HEAT RECOVERY AND SOLAR AIR HEATING

Title (de)

PERFORIERTE DURCHSICHTIGE VERGLASUNG FÜR WÄRMEGEWINNUNG UND SOLARLUFTHEIZUNG

Title (fr)

VITRAGE TRANSPARENT PERFORE POUR RECUPERATION DE CHALEUR ET CHAUFFAGE D'AIR SOLAIRE

Publication

EP 2326890 A4 20140122 (EN)

Application

EP 08800292 A 20080905

Priority

CA 2008001588 W 20080905

Abstract (en)

[origin: WO2010025537A1] A heat collector comprises a transparent glazing (12) exposed to the ambient. The transparent glazing (12) is spaced from a back surface to define a plenum (16) therewith. A plurality of perforations is defined through the transparent glazing (12) for allowing outside air to flow through the transparent glazing (12) into the plenum (16) and substantially maintain the transparent glazing (12) at the ambient temperature, thereby providing for higher thermal efficiency.

IPC 8 full level

F24J 2/05 (2006.01); **F24J 2/20** (2006.01); **F24J 2/50** (2006.01); **F24S 10/40** (2018.01); **F24S 10/50** (2018.01); **F24S 10/55** (2018.01); **F24S 10/80** (2018.01); **F24J 2/04** (2006.01); **F24J 2/28** (2006.01)

CPC (source: EP US)

F24S 10/50 (2018.04 - EP); **F24S 10/80** (2018.04 - EP US); **F24S 20/66** (2018.04 - EP US); **F24S 20/67** (2018.04 - EP); **F24S 80/56** (2018.04 - EP US); **F24S 2020/18** (2018.04 - EP); **Y02B 10/20** (2013.01 - EP); **Y02E 10/44** (2013.01 - EP)

Citation (search report)

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DOCDB simple family (publication)

WO 2010025537 A1 20100311; AU 2008361495 A1 20100311; AU 2008361495 A8 20110414; BR PI0823056 A2 20150616; CN 102149986 A 20110810; EP 2326890 A1 20110601; EP 2326890 A4 20140122; JP 2012502241 A 20120126; JP 5389925 B2 20140115; KR 20110055712 A 20110525; MX 2011002452 A 20110624; RU 2011112928 A 20121010; RU 2473848 C2 20130127

DOCDB simple family (application)

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