

Title (en)
GLAZING WITH VARIABLE ABSORBING POWER

Title (de)
VERGLASUNG MIT VARIABLEM ABSORPTIONSVERMÖGEN

Title (fr)
VITRAGE A POUVOIR ABSORBANT VARIABLE

Publication
EP 1109986 A1 20010627 (FR)

Application
EP 99940262 A 19990831

Priority
• FR 9902074 W 19990831
• FR 9811048 A 19980831

Abstract (en)
[origin: FR2782810A1] The invention concerns glazing sheets (1) with variable absorbing power. Said glazing (1) comprises two transparent walls (2, 3) providing an inter-wall space (4) containing one of the two following fluids: either a first transparent fluid, such as air; or a second transparent fluid (5), absorbing solar energy over a very large part of the spectrum, in particular liquid water or liquid water with added alcohol. The glazing further comprises a circuit for discharging energy in the form of a bead, located at its periphery, preferably consisting of a heat pipe-exchanger. The glazing (1) also comprises means for filling up or emptying the inter-wall space (4), as well as flexible elements (7, 8) for absorbing the second fluid (5) expansion depending on temperature. The glazing can in particular be used for producing car windows.

IPC 1-7
E06B 3/66

IPC 8 full level
A01G 9/14 (2006.01); **E06B 3/67** (2006.01)

CPC (source: EP US)
A01G 9/1469 (2013.01 - EP US); **A01G 9/22** (2013.01 - EP US); **E06B 3/6722** (2013.01 - EP US); **Y02A 40/25** (2017.12 - EP US); **Y02P 60/12** (2015.11 - EP US)

Citation (search report)
See references of WO 0012857A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
FR 2782810 A1 20000303; **FR 2782810 B1 20030530**; CA 2341585 A1 20000309; EP 1109986 A1 20010627; US 6427394 B1 20020806; WO 0012857 A1 20000309

DOCDB simple family (application)
FR 9811048 A 19980831; CA 2341585 A 19990831; EP 99940262 A 19990831; FR 9902074 W 19990831; US 76381601 A 20010416