

Title (en)
Ventilated soundproof glass.

Title (de)
Ventilierte, schalldämmende Verglasung.

Title (fr)
Vitrage insonore ventilé.

Publication
EP 0359877 A1 19900328 (EN)

Application
EP 88308705 A 19880920

Priority
EP 88308705 A 19880920

Abstract (en)
Ventilated soundproof glass including at least two sheets of glass (1 and 4) and one sheet of plastic film (2) in between. These two sheets of glass and the sheet of plastic film have holes arranged in them. The sides of the two sheets of glass (1 and 4) adjacent to the sheet of plastic film (2) have grooves (12 and 42), by which the air can pass through the ventilated soundproof glass while the noise is substantially reduced when it is propagating through the long paths of the grooves (12 and 42) within the ventilated soundproof glass.

IPC 1-7
E06B 3/66; E06B 7/02

IPC 8 full level
F24F 7/00 (2021.01); **E06B 3/67** (2006.01); **E06B 5/20** (2006.01); **E06B 7/02** (2006.01)

CPC (source: EP US)
E06B 3/6707 (2013.01 - EP); **E06B 5/205** (2013.01 - EP); **E06B 7/02** (2013.01 - EP); **F24F 7/00** (2013.01 - EP US)

Citation (search report)

- [A] US 2225809 A 19401224 - PICKERING WALKER FREDERICK
- [A] US 2870700 A 19590127 - HARRINGTON FLORIAN P
- [A] DE 2753127 A1 19790607 - WEINLICH TILMAN LUDWIG DIPL IN
- [A] DE 2725679 A1 19781207 - SAUER KLEMENS DIPL ING
- [E] US 4787296 A 19881129 - HUANG TAO HSUAN [TW]

Cited by
CN105041139A; AU641423B2

Designated contracting state (EPC)
AT BE CH DE ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)
EP 0359877 A1 19900328

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