

Title (en)
HEAT INSULATION AND AIR CONDITIONING DEVICE

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Application
EP 84104675 A 19840426

Priority
DE 3316263 A 19830504

Abstract (en)
[origin: US4610293A] The invention relates to a device for heat insulation and air conditioning of structural assemblies, in particular of windows etc., comprising a first driven winding roller (4), arranged at a first end for a windable flexible wall and deviating rollers arranged at the second end, the deviating rollers at the second end being supported stationarily and a second winding roller being provided which can be rotated simultaneously with the first winding roller. The longitudinal edges of the first wall are fitted with wall guiding profiles clamping between them, over part of their length, a web material, being constantly present in the guide profiles as well as being adapted to be redirected repeatedly by the deviating rollers so that a varying number of tightly closed air chambers can be formed optionally in a space. The web material of the flexible wall may consist of successively disposed materials having different properties of transparency, reflectivity and absorption. Upon demand, the air chambers may be ventilated in the space so that e.g. in summer, warm air may be conducted to the outside or to a heat exchanger.

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Citation (search report)
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