

The present invention regards paned windows and doors in which a plurality of Peltier cells is present. Such paned elements have a frame with a fixed portion (2') and a mobile portion (2'') in which at least one double glazing unit (3) is present, it being provided for that in the interspace present in the double glazing unit, at an edge of the aforementioned that is arranged in the mobile portion (2'') of the frame, a plurality of Peltier cells (11) is present. In particular, it is provided for that such cells be placed in contact with an element for dissipating heat towards the outside (12), made of optimal heat conduction material, which has a portion thereof (12') arranged at the external surface of the door and window. In addition, it is provided for that on each of the cells (11), a sheet be superimposed that is made of material with high heat conductivity, acting as a heat sink (13) for dissipating towards the inside of the double glazing unit.