

A vane (10) of an inlet guide wheel (4) of a turbojet (2), comprises a de-icing device, a fixed part (12) arranged on the upstream side and an associated mobile flap (18) arranged on the downstream side, and said fixed part (12) comprising a hollow body (13) and a trailing edge (16), for which the profile is substantially in the shape of a "U", with the branches (162, 164) extending substantially in the downstream direction, one of the branches (162) being located on the intrados side (I) and the other branch (164) being located on the extrados side (E). The de-icing device comprises at least one emission window (202), oriented substantially along an upstream-downstream direction, and arranged only along the branch (162) of the "U" located on the intrados side (I) of the trailing edge (16) of the fixed part (12), said emission window (202) being obtained by putting a ribbed plate (152) into contact with said branch (162) of the "U". The aircraft engine (2) comprises at least one vane (10) equipped with such a de-icing device.