

In accordance with the invention, a body (2) of an aluminium heating radiator element (1), comprising a substantially tubular end part (6) provided with a bottom opening (8), is closed by a cap (20) via a thermo-electric melting process; the end part (6) and the cap (20) are provided with respective melting portions (21, 22) having respective contact edges (23, 24) which are substantially equal in shape and dimensions, so as to reach the melting state at the same time during the thermo-electric melting process.