

5 **Abstract**

Zone-based heating element

Heating element for generating IR heat beams for contactlessly heating plastic profile
10 ends, preferably for end-face welding of pipes or fittings clamped in a device,
 comprising a heating plate made at least partially of a conductive material and having
 two heatable faces, a heating wire for generating the heat beams, wherein the
 heating wire is arranged on the faces of the heating plate, wherein the heating plate
 has a plurality of heating zones spaced apart radially from one another.

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Figure 1

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