

ABSTRACT:

An iron comprising a housing (1), a heatable soleplate (4) and means for generating very fine liquid droplets to be expelled from at least one discharge opening (9) of the iron, said means comprising at least one air passage (8) for pressurized air supply and at least one liquid passage (13) for pressurized liquid supply, said air passage (8) and said liquid passage (13) communicating with each other for mixing air and liquid, said mixture of air and liquid being supplied to the discharge opening (9). To improve the generation of fine liquid droplets (mist) an outlet of the liquid passage (8) ends into the air passage (13) upstream of the discharge opening (9) to introduce liquid into the air passage and an outlet of the air passage is provided with a nozzle (10) having said discharge opening (9). Preferably the pressurized air and liquid supply is obtained by means of electric pumps (6,7). The liquid may be water or a (diluted) additive liquid.

Fig. 1