

Title (en)
Pilot lighter for burners

Title (de)
Pilotzündler für Brenner

Title (fr)
Allumeur pilote pour brûleur

Publication
EP 0900981 A1 19990310 (EN)

Application
EP 97830439 A 19970904

Priority
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Abstract (en)
A pilot lighter (6), which ensures immediate lighting of a burner (B) housed in a wind box (1), comprises a lighting end (8) positioned in the vicinity of the end section (2) of the burner (B), a nozzle (12) supplied by a fuel duct (11) of the pilot lighter (6) and a sparking head (16) of a spark generator (13). The spark generator (13) and the fuel duct (11) are housed inside a tubular casing (7) with a predefined axis (A-A) and having an intake section (26) positioned upstream of a register (31) of the wind box (1) which regulates the throughput of a combustion agent to the burner (B). Advantageously, the tubular casing (7) defines a channel (25) supplying the combustion agent of the pilot lighter (6) between said intake section (26) and the lighting end (8) of the pilot lighter (6), such that supplying of the combustion agent of the pilot lighter (6) to the lighting end (8) is independent of supplying of the combustion agent to the end section (2) of the burner (B). <IMAGE>

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Citation (search report)

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