

Title (en)
DEVICE FOR GENERATING HOT GAS FOR SHRINKING PLASTIC SHEETS

Publication
EP 0064636 B1 19850327 (DE)

Application
EP 82103394 A 19820422

Priority
DE 3118396 A 19810509

Abstract (en)
[origin: US4470807A] The invention concerns an apparatus for producing a hot gas to shrink plastic foils, with at least one burner mounted in a housing provided with a discharge nozzle for the hot gas. To better control the hot-gas temperature and hence the temperature of shrinking, the apparatus is provided with such a burner arrangement that the hot-gas jet (9 or 10) leaving the burner (7 or 8) is directed at an angle to the discharge flow defined by the discharge nozzle (6) and with a jet-deflection means for the hot-gas jet (9 or 10) before the discharge nozzle (6). In a preferred embodiment the jet deflection is implemented by a jet (17) of cold air by means of which the hot-gas jet (9 or 10) is simultaneously directed and cooled. In a preferred mode, the pressure and the flow rate of the cold-air jet (17) are controlled.

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