

Title (en)
HEAT-EXCHANGER

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EP 0228581 B1 19890503 (DE)

Application
EP 86116618 A 19861129

Priority
DE 3543893 A 19851212

Abstract (en)
[origin: US4809774A] A heat exchanger having first and second ducts respectively for the supply of compressed air to be heated and for the discharge of heated compressed air. A tube matrix includes first and second branches respectively connected to the first and second ducts for conveying compressed air from the first duct to the second duct. The tube matrix is exposed to the flow of hot gases therearound to heat the compressed air conveyed in the tube matrix. A plate heat exchanger connects the first and second branches of the tube matrix to convey the compressed air from the first branch to the second. The plate heat exchanger is formed by spaced plates between which the hot gases flow, each plate being connected to rows of tubes of the matrix in the first and second branches and forming a flow chamber in which the compressed air can be conveyed.

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F28D 7/08; F28F 3/04; F28F 9/26

IPC 8 full level
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