

Title (en)
Heat exchange process and heat exchanger

Title (de)
Wärmeaustauschprozess und Wärmetauscher

Title (fr)
Procédé d'échanger de chaleur et échangeur de chaleur

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Application
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Abstract (en)
Heat exchange process comprising sequential cooling a first fluid by indirect heat exchange with a second fluid and comprising the following steps: introducing the first fluid sequentially into at least two concentric U-tube bundles defining at least a first heating zone and a second heating zone respectively, introducing a second fluid onto the shell side of the U-tube bundles, each heating zone partially separated from the other by a wall, the first heating zone being a colder zone and the second heating zone being a hotter zone, the tube bundle of the first colder heating zone being made of a low alloy steel and the tube bundle of the second hotter heating zone being made of a temperature and corrosion resistant alloy, withdrawing the cooled second fluid and the heated first fluid. <??>The invention also concerns a heat exchanger for use in the above process. <IMAGE>

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IPC 8 full level
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