

Title (en)

CYLINDRICAL TUBE FOR INDUSTRIAL CHEMICAL INSTALLATIONS

Title (de)

ZYLINDRISCHES ROHR FÜR TECHNISCHE CHEMISCHE INSTALLATIONEN

Title (fr)

TUBE CYLINDRIQUE DESTINE A DES INSTALLATIONS INDUSTRIELLES CHIMIQUES

Publication

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Application

EP 01997570 A 20011123

Priority

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Abstract (en)

[origin: WO0242510A1] The invention provides a tube for use in furnaces where gas and liquid media are being passed through the tube from one end to the other while being subjected to substantial heating and decomposition resulting therefrom. The cylindrical tube is made of a stainless iron-nickel-chromium-base alloy comprising in weight-% max 0.08 % C, 23-27 % Cr, 33-37 % Ni, 1.3-1.8 % Mn, 1.2-2 % Si, 0.08-0.25 % N, 0.01-0.15 % rare earth metals, and Fe and usual impurities. The cylindrical tube has a smooth outer surface and an inner surface provided with valleys or recesses extending longitudinally with a smoothly curved bottom profile.

IPC 1-7

C22C 38/44; **C22C 38/58**

IPC 8 full level

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