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(54) Title: AUSTENITIC STAINLESS STEEL

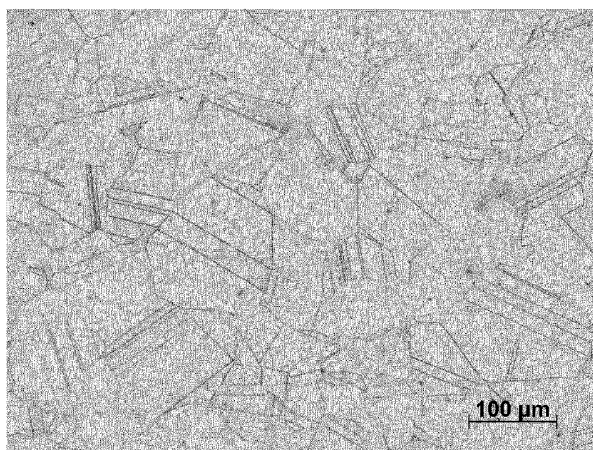


Fig. 1

(57) Abstract: Austenitic stainless steel with improved heat resistant and corrosion resistance, where the steel contains in weight % Carbon 0.03 - 0.20 Chromium 20.00 - 26.00 Nickel 10.00 - 22.00 Silicon 0.50 - 2.50 Manganese 0.50 - 2.00 Nitrogen 0.10 - 0.40 Sulphur <0.015 Phosphorus <0.040 Rare earth metals, mainly cerium and lanthanum 0.00 - 0.10 and the rest being iron (Fe) and inevitable impurities.

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