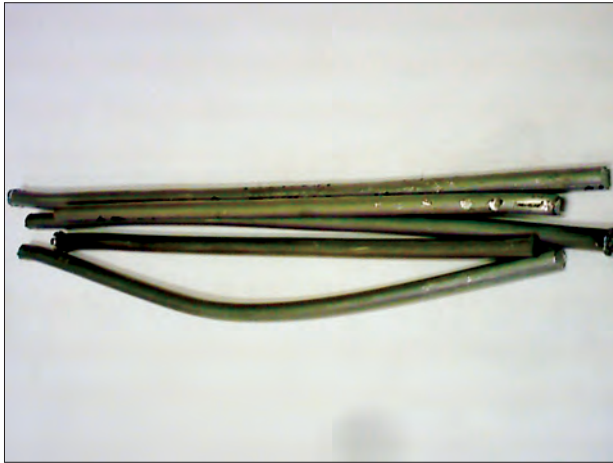
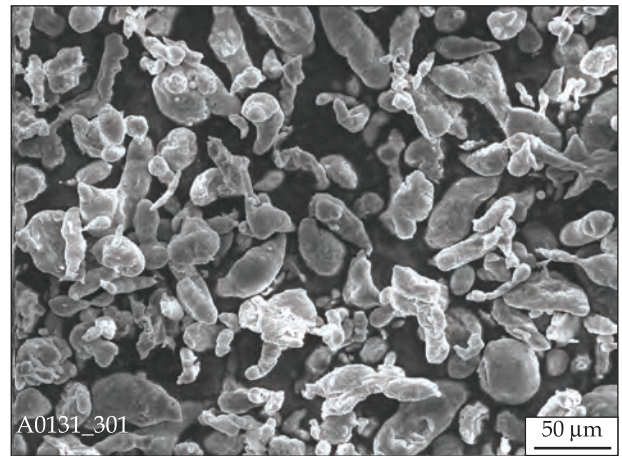


TECHNOLOGY FOR TREATMENT OF ALUMINUM ALLOYS WITH SUB-MICROCRYSTALLINE ALLOYING COMPOSITIONS



Sub-microcrystalline alloying composition



Microstructure of the alloying composition

Areas of Application

Production of aluminum alloy ingots at foundry shops of machine-building plants

Specification

The alloying compositions are proposed in the form of extruded rods

Stage of Development.

Suggestions for Commercialization

IRL3, TRL4

Technology for alloy modification and trial batch of the alloying compositions, upon request

Advantages

No dangerous substances are formed during interaction with the melt; guaranteed and complete assimilation of active substance; no special equipment is required; no pyroelectric effect or smoke emission; environment safety; enhancement of mechanical properties of obtained alloy by 10–15%; longer duration of melt modification effect

IPR Protection

IPR2

Contact Information

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