

METHOD FOR RHEOCASTING OF ALUMINUM ALLOYS BY DIE CASTING MACHINES



Areas of Application

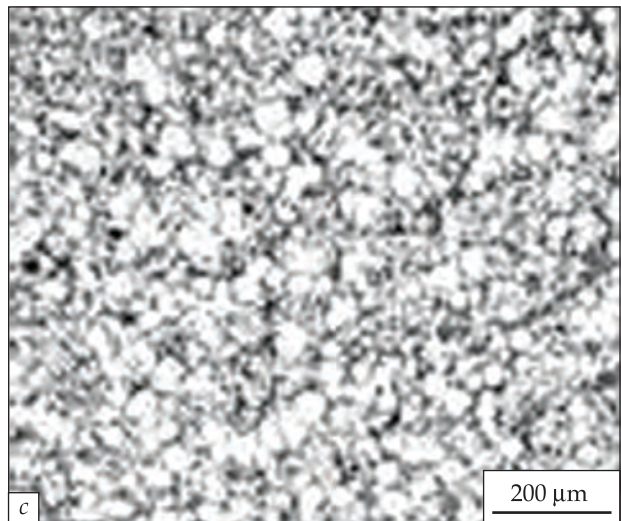
For manufacturing cast articles operable at a high pressure, at foundries and machine-building plants

Specification

Time for preparation of dose of aluminum alloy suspension, s: 3–5

Advantages

Both rheo- and tixocasting are possible; guaranteed obtainment of sealed castings; increase in ductility



Rheocasting method testing: a) a blank for tixocasting; b) small body of gas oven burner; c) microstructure of a cast piece

Stage of Development.
Suggestions for Commercialization

IRL4, TRL5
Manufacturing application of the method for casting semisolid melt

IPR Protection

IPR4

Contact Information

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