

Title (en)
AL-SI-FE CASTING ALLOYS

Title (de)
AL-SI-FE-GUSSLEGIERUNGEN

Title (fr)
ALLIAGES DE FONDERIE AL-SI-FE

Publication
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Application
EP 21818989 A 20210527

Priority
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Abstract (en)
[origin: WO2021247373A1] New aluminum casting (foundry) alloys are disclosed. The new aluminum casting alloys may include from 6.0 to 11.5 wt. % Si, from 0.30 to 0.80 wt. % Fe, optionally from 0.07 to 0.20 wt. % of X, wherein X is selected from the group consisting of Mg, Mo, Zr, and combinations thereof, and optionally 100-500 ppm Sr, the balance being aluminum and unavoidable impurities. The new aluminum casting alloys may be high-pressure die cast into complex shapes. The new aluminum casting alloys may be useful, for instance, in heat sink / antenna applications.

IPC 8 full level
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