

Title (en)

PROCESS FOR MANUFACTURING FOILS CONSISTING OF HYPOEUTECTIC ALUMINIUM-IRON ALLOYS

Publication

**EP 0064468 B1 19841031 (FR)**

Application

**EP 82420049 A 19820408**

Priority

FR 8107844 A 19810413

Abstract (en)

[origin: EP0064468A1] 1. A process for the production of sheets of hypoeutectic aluminium-iron alloy by the addition of a fining agent to the metal bath, semicontinuous casting in an ingot mould or continuous casting between cylinders, cold rolling and annealing at from 380 degrees C to 430 degrees C, characterised in that the fining agent is added in an amount such that it generates a cast structure wherein the grains are of a maximum size of less than 100  $\mu$  m and the spacing between dendrite arms is from 8 to 30  $\mu$  m, and that the rolling operation is performed using a thickness reduction ratio of from 98 to 99.8% so as to develop a final semirecrystallised structure after annealing.

IPC 1-7

**C22C 21/00**; **C22F 1/04**

IPC 8 full level

**C22C 21/00** (2006.01); **C22F 1/04** (2006.01)

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**EP 0064468 A1 19821110**; **EP 0064468 B1 19841031**; AT E10116 T1 19841115; DE 3261110 D1 19841206; DK 159682 A 19821014; ES 511308 A0 19830216; ES 8304214 A1 19830216; FR 2503738 A1 19821015; FR 2503738 B1 19830513; GR 69198 B 19820506; NO 156572 B 19870706; NO 156572 C 19871014; NO 821164 L 19821014; TR 21267 A 19840101

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