

Title (en)
METHOD FOR PRODUCING COATED GRAIN ORIENTED SILICON STEEL

Publication
EP 0057983 A3 19830112 (EN)

Application
EP 82300236 A 19820118

Priority
US 23234181 A 19810206

Abstract (en)
[origin: EP0057983A2] A method for coating grain oriented silicon steel to improve its magnetic properties; the method including the steps of preparing a melt of said silicon steel, casting said steel, hot rolling said steel, cold rolling said steel and decarburizing said steel, and being characterised by applying to the surface of said steel a coating of Mg(OH)₂ and SiO₂ and thereafter final texture annealing said steel in the conventional manner with said coating thereon.

IPC 1-7
C25D 9/10; **C25D 5/50**; **C21D 8/12**

IPC 8 full level
C23C 22/00 (2006.01); **C21D 1/70** (2006.01); **C21D 8/12** (2006.01); **C21D 9/46** (2006.01); **C22C 38/02** (2006.01); **C25D 5/50** (2006.01); **C25D 9/10** (2006.01)

CPC (source: EP)
C21D 1/70 (2013.01); **C21D 8/1283** (2013.01); **C25D 5/50** (2013.01); **C25D 9/10** (2013.01); **C21D 8/1272** (2013.01)

Citation (search report)
• [X] FR 1321837 A 19630322 - THOMSON HOUSTON COMP FRANCAISE
• [X] GB 922521 A 19630403 - GEN ELECTRIC
• [X] FR 1100181 A 19550916 - WESTINGHOUSE ELECTRIC CORP

Cited by
EP0730039A1; EP0480265A1

Designated contracting state (EPC)
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EP 0057983 A2 19820818; **EP 0057983 A3 19830112**; CA 1197757 A 19851210; JP S57145935 A 19820909; KR 830009247 A 19831219; PL 234964 A1 19820913; RO 84030 A 19840512; RO 84030 B 19840630

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