

Title (en)
METHOD FOR PRODUCING CUBE-ON-EDGE ORIENTED SILICON STEEL

Publication
EP 0099618 A3 19840613 (EN)

Application
EP 83302010 A 19830411

Priority
US 39993782 A 19820719

Abstract (en)
[origin: EP0099618A2] An improvement in the manufacture of cube-on-edge oriented silicon steel; the improvement comprises serrating said steel either before or after final texture annealing, whereby reduced watt loss is achieved.

IPC 1-7
C21D 8/12

IPC 8 full level
C21D 8/12 (2006.01)

CPC (source: EP KR)
C21D 8/12 (2013.01 - KR); **C21D 8/1294** (2013.01 - EP)

Citation (search report)

- [X] DE 1804208 B1 19701112 - MANNESMANN AG
- [X] DE 2819514 A1 19781116 - NIPPON STEEL CORP
- [A] DE 626673 C 19360701 - HOESCH KOELN NEUESSEN AG
- [A] US 3833431 A 19740903 - FOSTER K, et al
- [A] FR 2268868 A1 19751121 - NIPPON STEEL CORP [JP]
- [Y] PATENTS ABSTRACTS OF JAPAN, vol. 3, no. 11, January 30, 1979, page 163 C35 & JP - A - 53 137016 (SHIN NIPPON SEITETSU K.K.) 30-11-1978

Cited by
EP0287357A3; EP0228157A3; EP0185437A3; FR2575588A1; EP0367467A1; US5146063A

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DOCDB simple family (publication)
EP 0099618 A2 19840201; **EP 0099618 A3 19840613**; BR 8301546 A 19840417; CA 1197759 A 19851210; JP S5928525 A 19840215; KR 840004177 A 19841010; KR 860000532 B1 19860508; PL 242746 A1 19840312

DOCDB simple family (application)
EP 83302010 A 19830411; BR 8301546 A 19830325; CA 422373 A 19830225; JP 9332583 A 19830526; KR 830000926 A 19830308; PL 24274683 A 19830629