

Title (en)
PROCESS FOR MARKING HOT STEEL INGOTS

Publication
EP 0341234 B1 19930616 (DE)

Application
EP 89890088 A 19890330

Priority
AT 95388 A 19880413

Abstract (en)
[origin: US4883720A] For the provision of durable and easily legible inscriptions by jet spraying on steel ingots when they are at an elevated temperature, a nickel or iron metal powder having a largest particle dimension not in excess of 0.075 mm and a zirconium oxide powder or aluminum oxide powder having a largest particle dimension not in excess of 0.075 mm and used in an amount that is not in the excess of 10% by weight of the metal powder are jointly sprayed onto the surface of the steel ingots to form dots or lines thereon.

IPC 1-7
B21C 51/00; **C23C 4/08**; **C23C 4/10**

IPC 8 full level
B21C 51/00 (2006.01); **C23C 4/00** (2006.01); **C23C 4/06** (2006.01)

CPC (source: EP US)
B21C 51/005 (2013.01 - EP US); **C23C 4/01** (2016.01 - EP US); **C23C 4/06** (2013.01 - EP US); **Y10T 428/12056** (2015.01 - EP US); **Y10T 428/12139** (2015.01 - EP US)

Cited by
CN104912472A; CN105545198A; US11235368B2; WO2011101001A1; WO2018065228A1

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EP 89890088 A 19890330; AT 89890088 T 19890330; AT 95388 A 19880413; CA 596481 A 19890412; DE 58904691 T 19890330; IN 272CA1989 A 19890407; US 33344889 A 19890405