

Title (en)  
LIGHTLY ALLOYED, FORGED STEEL CYLINDER FOR COLD ROLLING

Publication  
**EP 0209437 B1 19890222 (FR)**

Application  
**EP 86401434 A 19860627**

Priority  
FR 8510426 A 19850708

Abstract (en)  
[origin: ES2001091A6] The roll is made from a low alloy steel having the following composition by weight : C: 0.76 to 0.92 Mn: 0.70 to 1.40 Si: 0.70 to 1.40 S< /=0.020 P< /=0.025 Ni< /=0.60 Cr: 1.50 to 2.20 Mo: 0.15 to 0.55 V: 0.08 to 0.25 Cu< /=0.50 the remainder being iron and accidental impurities.

IPC 1-7  
**B21B 27/00**; **C22C 38/22**; **C22C 38/24**; **C22C 38/44**; **C22C 38/46**

IPC 8 full level  
**B21B 27/00** (2006.01); **C22C 38/00** (2006.01); **C22C 38/22** (2006.01); **C22C 38/24** (2006.01); **C22C 38/44** (2006.01); **C22C 38/46** (2006.01)

CPC (source: EP US)  
**B21B 27/00** (2013.01 - EP US); **C22C 38/22** (2013.01 - EP US); **C22C 38/24** (2013.01 - EP US); **C22C 38/44** (2013.01 - EP US); **C22C 38/46** (2013.01 - EP US)

Cited by  
FR2685348A1; BE1006545A3

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**EP 0209437 A1 19870121**; **EP 0209437 B1 19890222**; AT E40859 T1 19890315; CA 1282983 C 19910416; CN 86104669 A 19870218; DE 3662123 D1 19890330; ES 2001091 A6 19880416; FR 2584318 A1 19870109; FR 2584318 B1 19871120; JP S6264412 A 19870323; US 4823451 A 19890425

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**EP 86401434 A 19860627**; AT 86401434 T 19860627; CA 513178 A 19860707; CN 86104669 A 19860707; DE 3662123 T 19860627; ES 8601098 A 19860708; FR 8510426 A 19850708; JP 16067886 A 19860708; US 16680088 A 19880303