

Title (en)

Sleeve for a casting roll of a twin roll continuous caster

Title (de)

Mantel für eine Giesswalze einer Zweiwalzengiessanlage

Title (fr)

Manchon pour cylindre de coulée d'une installation de coulée continue entre cylindres

Publication

EP 1314495 B1 20170111 (DE)

Application

EP 02025371 A 20021114

Priority

- DE 10156926 A 20011121
- DE 10224268 A 20020531

Abstract (en)

[origin: EP1314495A2] A casting roll which during casting of strips made of non-ferrous metals undergoes changing temperature stress and high roll pressures comprises a sleeve made of an age-hardening copper alloy comprising (wt.%) cobalt (0.4-2) which may be partially substituted by nickel; beryllium (0.1-0.5); and copper (being balance).

IPC 8 full level

B21C 23/00 (2006.01); **B22D 11/00** (2006.01); **B22D 11/06** (2006.01); **C22C 9/06** (2006.01); **C22F 1/00** (2006.01); **C22F 1/08** (2006.01)

CPC (source: EP KR NO US)

B22D 11/0622 (2013.01 - NO); **B22D 11/0651** (2013.01 - EP US); **C22C 9/06** (2013.01 - EP KR NO US); **C22F 1/08** (2013.01 - NO)

Cited by

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Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

EP 1314495 A2 20030528; **EP 1314495 A3 20031210**; **EP 1314495 B1 20170111**; BR 0204713 A 20030916; CA 2410245 A1 20030521; CA 2410245 C 20170321; CN 1419982 A 20030528; JP 2003191056 A 20030708; JP 4295492 B2 20090715; KR 100961239 B1 20100603; KR 20030041833 A 20030527; MX PA02010879 A 20040716; NO 20025563 D0 20021120; NO 20025563 L 20030522; NO 340437 B1 20170424; TW 590822 B 20040611; US 2003094219 A1 20030522

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