

Title (en)

Wear-resistant compound roll and method of producing same.

Title (de)

Verschleissfeste Verbundwalze und Verfahren zu ihrer Herstellung.

Title (fr)

Cylindre composite résistant à l'usure et son procédé de fabrication.

Publication

EP 0510598 A2 19921028 (EN)

Application

EP 92106860 A 19920422

Priority

JP 9028091 A 19910422

Abstract (en)

The wear-resistant compound roll having a sintered shell portion (4) having good wear resistance is produced by sintering an alloy powder consisting essentially, by weight, of 1.0-3.5 % of C, 2 % or less of Si, 2 % or less of Mn, 10 % or less of Cr, 3-15 % of W, 2-10 % of Mo, 1-15 % of V, and balance Fe and inevitable impurities, at a temperature equal to or higher than the temperature from which the alloy powder starts to be melted.
<IMAGE>

IPC 1-7

B21B 27/00; **B22F 3/14**; **B22F 7/08**; **B32B 15/01**; **C22C 33/02**; **C22C 38/36**

IPC 8 full level

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CPC (source: EP)

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Cited by

EP0603749A1; US5403670A; US7743965B2; CN112547224A; GB2492425A; GB2492425B

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DE FR

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EP 0510598 A2 19921028; **EP 0510598 A3 19930714**; **EP 0510598 B1 19960710**; DE 69212054 D1 19960814; DE 69212054 T2 19961107

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