

Title (en)

Abrasion resistant composite casting and production method thereof.

Title (de)

Gussverbundwerkstoff für Verschleissteile und Verfahren zu dessen Herstellung.

Title (fr)

Pièce coulée en un matériau composite, résistant à l'abrasion et son procédé de fabrication.

Publication

**EP 0380715 A1 19900808 (EN)**

Application

**EP 89101505 A 19890128**

Priority

JP 21581587 A 19870828

Abstract (en)

The invention provides an abrasion resistant composite casting, suitable for use in equipment operating under severe abrasive conditions. The composite material consists of small particles or grains of cemented carbide embedded in a matrix of alloy white cast iron: at least 70 % of the total amount of said particles has a grain size between 2 and 15 mm.

IPC 1-7

**B22D 19/08**; **C22C 1/10**

IPC 8 full level

**B22D 19/00** (2006.01); **B22D 19/14** (2006.01); **C22C 1/10** (2006.01); **C22C 29/00** (2006.01); **C22C 29/06** (2006.01); **C22C 33/02** (2006.01)

CPC (source: EP KR)

**B22D 19/04** (2013.01 - KR); **C22C 1/1036** (2013.01 - EP); **C22C 33/0292** (2013.01 - EP)

Citation (search report)

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**EP 0380715 A1 19900808**; AU 2104588 A 19890302; AU 621550 B2 19920319; CA 1339715 C 19980317; JP 2602029 B2 19970423; JP S6457963 A 19890306; KR 890003476 A 19890415

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