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Bleifreie Automatenkupferlegierung

Alliage de cuivre de décolletage sans plomb

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(56) References cited:
FR-A- 1 031 211 US-A- 2 237 774

- **PATENT ABSTRACTS OF JAPAN vol. 1998, no. 04, 31 March 1998 (1998-03-31) -& JP 09 316570 A (CHUETSU GOKIN CHUKO KK), 9 December 1997 (1997-12-09)**
- **PATENT ABSTRACTS OF JAPAN vol. 015, no. 227 (C-0839), 10 June 1991 (1991-06-10) -& JP 03 068731 A (NIPPON MINING CO LTD), 25 March 1991 (1991-03-25)**
- **PATENT ABSTRACTS OF JAPAN vol. 1997, no. 10, 31 October 1997 (1997-10-31) -& JP 09 143598 A (CHUETSU GOKIN CHUKO KK), 3 June 1997 (1997-06-03)**

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