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(11) **EP 1 329 532 A3**

(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:  
**30.07.2003 Bulletin 2003/31**

(51) Int Cl.7: **C22C 38/24**, C22C 38/26,  
C22C 38/22

(43) Date of publication A2:  
**23.07.2003 Bulletin 2003/30**

(21) Application number: **03007333.2**

(22) Date of filing: **21.09.1998**

(84) Designated Contracting States:  
**BE DE**

(30) Priority: **22.09.1997 JP 25647997**  
**22.09.1997 JP 25648097**  
**22.09.1997 JP 25648197**

(62) Document number(s) of the earlier application(s) in  
accordance with Art. 76 EPC:  
**98307629.0 / 0 903 421**

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yet been filed**

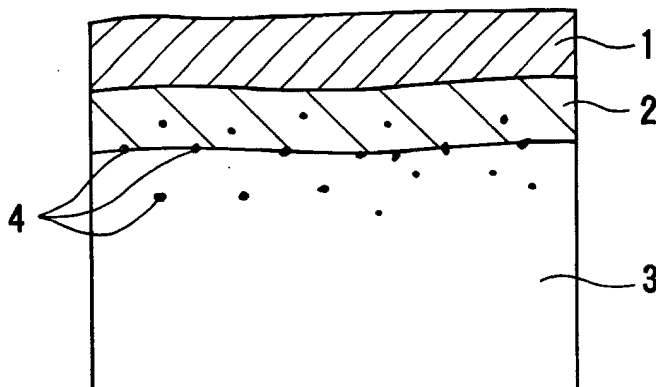
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(54) **Ferritic heat-resistant steel and method for producing it**

(57) The invention provides a ferritic heat-resistant steel having excellent high-temperature oxidation resistance, especially excellent steam oxidation-resistant characteristics. In high-Cr ferritic heat-resistant steel, ultra-fine oxide particles having a size of not larger than

1  $\mu\text{m}$  are formed just below the oxide films and formed on the steel base, whereby the adhesiveness between the films and the base is enhanced. The ferritic heat-resistant steel contains Cr in an amount of from 8.0 to 13.0 % by weight, and at least one of Rh and Ir in a total amount of from 0.3 to 5.0 % by weight.

*Fig. 1*



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# EUROPEAN SEARCH REPORT

Application Number  
EP 03 00 7333

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EPO FORM 1503 03 82 (P04C01)



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EPO FORM 1503 03.82 (PC4C01)



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