

忠 芸

花 司

上 啓



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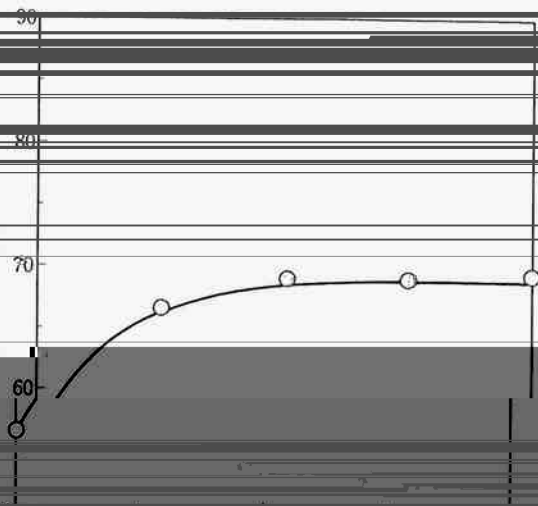
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0 2  
5 1  
1 5



Vacuum pump

Fig. 1 Apparatus for preparing of TiC.



90

△ 900°C

● 1000°C

1000 900 800 700 600 500 400 300 200 100 0

○ 炭化反応の進行による反応速度の低下

炭化反応の進行による反応速度の低下

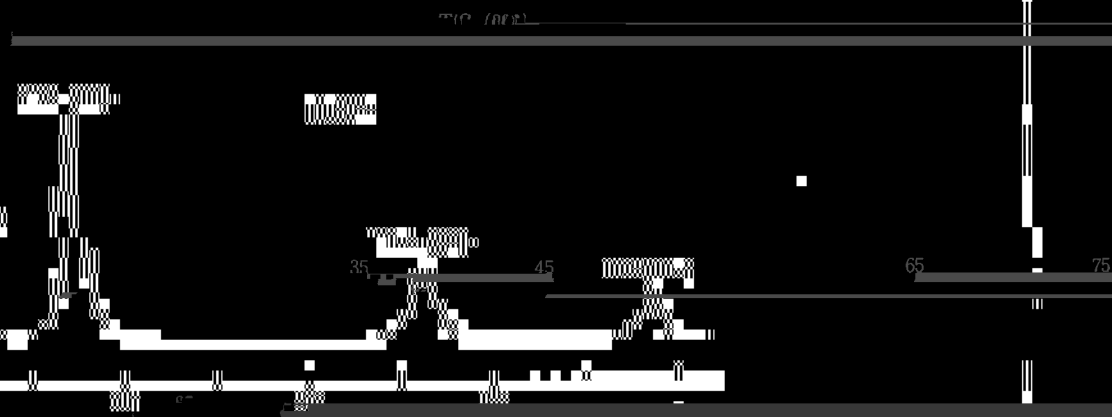
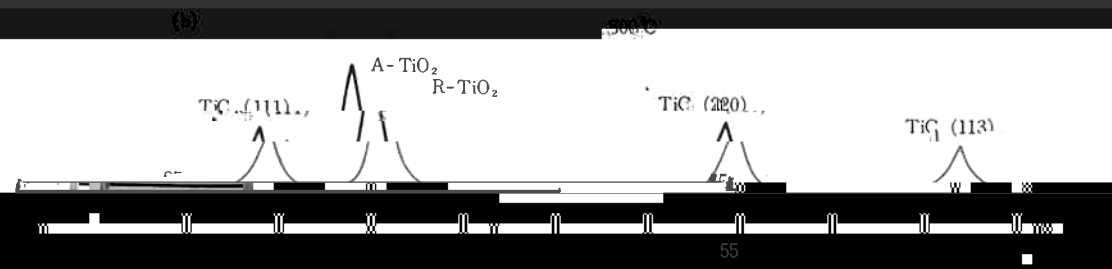
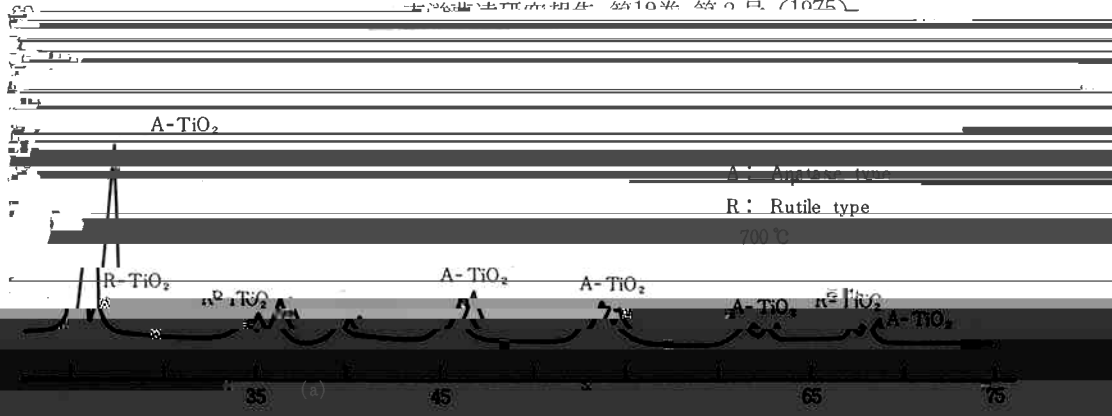
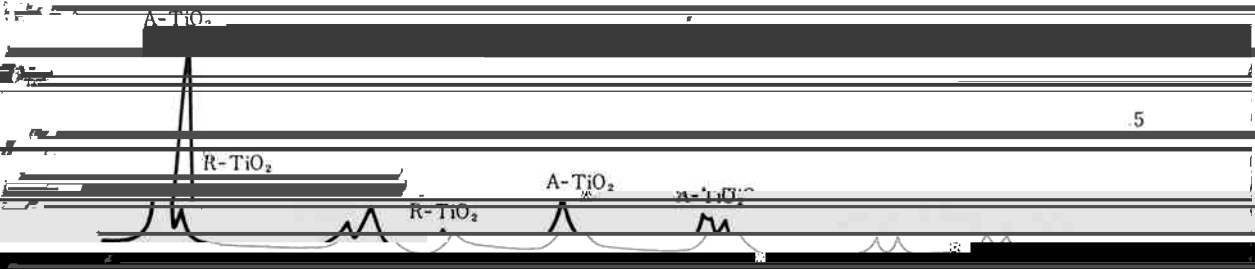


Fig. 1. X-ray patterns of products at various temperature.



A: Anatase tino

TiC (200)

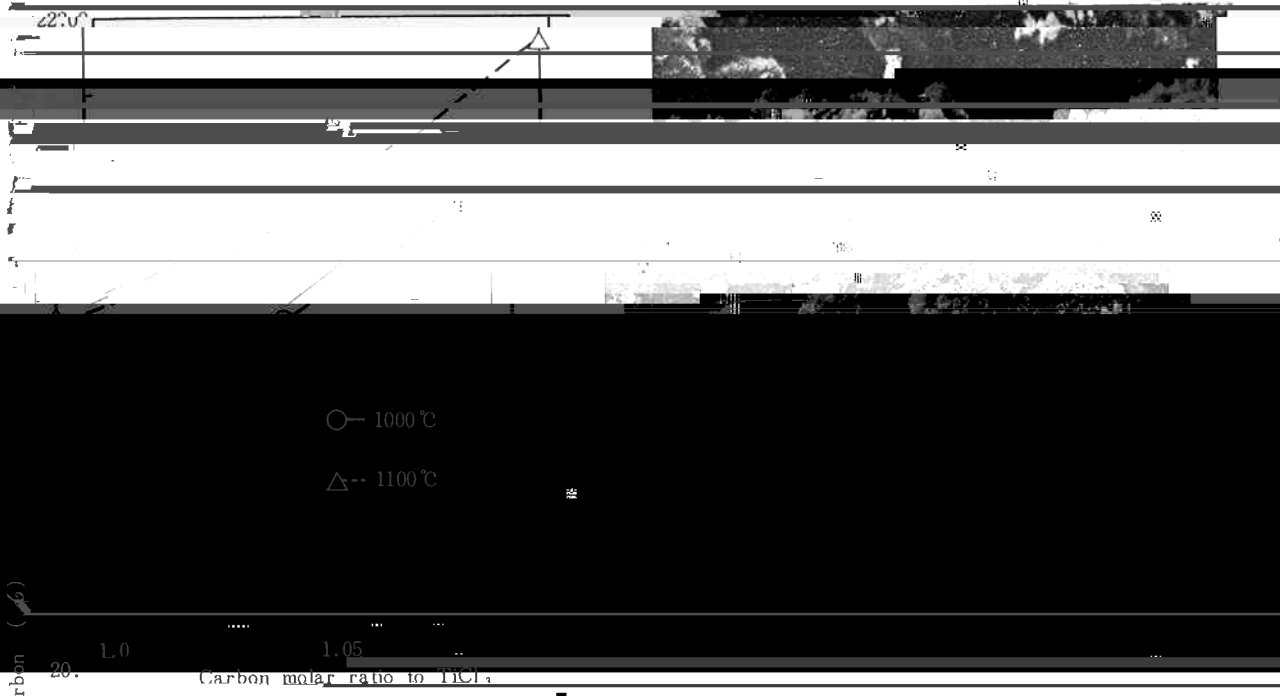


Fig. 7 The relation between Carbon molar ratio to  $TiCl_3$  and Total Carbon. (holding time : 30 min.)

5. 総 括

