

Title (en)  
PROCESSES AND DEVICES FOR PRODUCING GLASS FOILS AND COMPOSITE BODIES PRODUCED THEREFROM

Title (de)  
VERFAHREN UND VORRICHTUNGEN ZUR HERSTELLUNG VON GLASFOLIEN SOWIE DARAUS HERGESTELLTEN VERBUNDKÖRPERN

Title (fr)  
PROCEDES ET DISPOSITIFS POUR PRODUIRE DES FEUILS DE VERRE ET COMPOSITES AINSI PRODUITS

Publication  
**EP 0996596 A1 20000503 (DE)**

Application  
**EP 98934914 A 19980604**

Priority

- DE 19728682 A 19970704
- DE 19732462 A 19970728
- DE 19732461 A 19970728
- DE 19740160 A 19970912
- DE 19744876 A 19971010
- EP 9803348 W 19980604

Abstract (en)  
[origin: WO9901390A1] A process and device are disclosed for producing glass foils, as well as the glass composite bodies produced therefrom. In order to industrially produce very thin glass foils in large quantities, a viscous, about 1 to 13 mm thick glass layer is continuously made to flow downwards out of the melting furnace, this viscous glass layer is fed by force of gravity to a foil drawing device, in which the already cooling glass layer is reduced by drawing and stretching to a thickness in a range of between 0.05 and 0.6 mm, preferably 0.2 and 0.4 mm, and finally the glass foil reduced to the desired thickness is cooled.

IPC 1-7  
**C03B 17/06**; **C03B 17/04**; **C03B 17/02**; **C03B 13/12**; **C03B 13/14**; **C03B 13/06**; **C03B 23/24**; **C03B 5/173**; **C03B 5/12**; **C03B 13/01**; **C03B 13/18**; **C03B 23/203**; **C03C 27/08**; **C03C 27/10**; **B32B 17/10**

IPC 8 full level  
**B32B 17/10** (2006.01); **C03B 5/12** (2006.01); **C03B 5/173** (2006.01); **C03B 13/01** (2006.01); **C03B 13/06** (2006.01); **C03B 13/12** (2006.01); **C03B 13/14** (2006.01); **C03B 13/18** (2006.01); **C03B 17/02** (2006.01); **C03B 17/04** (2006.01); **C03B 17/06** (2006.01); **C03B 23/203** (2006.01); **C03B 23/24** (2006.01); **C03C 1/02** (2006.01); **C03C 17/02** (2006.01); **C03C 27/08** (2006.01); **C03C 27/10** (2006.01)

CPC (source: EP)  
**B32B 17/10045** (2013.01); **C03B 5/12** (2013.01); **C03B 5/173** (2013.01); **C03B 13/01** (2013.01); **C03B 13/06** (2013.01); **C03B 13/12** (2013.01); **C03B 13/14** (2013.01); **C03B 13/183** (2013.01); **C03B 17/02** (2013.01); **C03B 17/04** (2013.01); **C03B 17/06** (2013.01); **C03B 23/203** (2013.01); **C03B 23/245** (2013.01); **C03C 27/08** (2013.01); **C03C 27/10** (2013.01); **Y02P 40/57** (2015.11)

Citation (search report)  
See references of WO 9901390A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)  
**WO 9901390 A1 19990114**; AT E223358 T1 20020915; AU 8213198 A 19990125; AU 8436098 A 19990125; CN 1120813 C 20030910; CN 1261864 A 20000802; CN 1261865 A 20000802; DE 19880858 D2 20000928; DE 59805431 D1 20021010; EP 0993421 A1 20000419; EP 0993421 B1 20020904; EP 0996596 A1 20000503; ES 2183389 T3 20030316; TR 200000027 T2 20000821; WO 9901394 A1 19990114

DOCDB simple family (application)  
**EP 9803348 W 19980604**; AT 98932119 T 19980604; AU 8213198 A 19980604; AU 8436098 A 19980604; CN 98806784 A 19980604; CN 98806796 A 19980604; DE 19880858 T 19980604; DE 59805431 T 19980604; EP 9803349 W 19980604; EP 98932119 A 19980604; EP 98934914 A 19980604; ES 98932119 T 19980604; TR 200000027 T 19980604