

Title (en)  
Stenter clips.

Title (de)  
Spannklemmen.

Title (fr)  
Pinces de rame.

Publication  
**EP 0219941 A1 19870429 (EN)**

Application  
**EP 86306462 A 19860820**

Priority  
GB 8521769 A 19850902

Abstract (en)  
The invention provides a stenter pin having a pin body (12) made of pressed sheet metal. One end of the body is attached to a chain (18) that moves the pin between the hot air/steam nozzles of a textile-drying or textile-treating stenter. The other end of the clip body is provided with a stainless steel table (22) that co-operates with a knife-edge (21.3) of a clip gate to hold the edge of the textile while it is transported through the stenter. Alternatively (as shown), the edge of the textile (4) may be retained by the pins (7.51) of a pin bar (7.5) which is also mounted at the front of the clip body. The central region of the clip body has a V-shaped region (12.1) and a pair of rolling bearings (11.1) are mounted on the two arms of the V-shaped region. The two pairs of rolling bearings move in guide channel rails (24, 25) fixed inside the stenter to prevent the tilting of the stenter clip. The clip is made of pressed metal and so is cheaper than known clips; by arranging the bearing (11.1) at 45 DEG to the horizontal, the height of the clip can be very small allowing the nozzles of the stenter to be positioned closer to the textile and hence allowing more efficient treatment of the textile.

IPC 1-7  
**D06C 3/04**

IPC 8 full level  
**D06C 3/04** (2006.01)

CPC (source: EP)  
**D06C 3/04** (2013.01)

Citation (search report)  
• [X] GB 1067872 A 19670503 - BAKELITE XYLONITE LTD  
• [A] US 3457608 A 19690729 - GAGEUR FRITZ  
• [A] GB 2148960 A 19850605 - KRANTZ H GMBH & CO

Cited by  
CN103590213A; CN102560941A; CN103526497A

Designated contracting state (EPC)  
CH DE FR IT LI NL

DOCDB simple family (publication)  
**EP 0219941 A1 19870429**

DOCDB simple family (application)  
**EP 86306462 A 19860820**