

Title (en)  
Temple

Title (de)  
Breithalteeinrichtung

Title (fr)  
Templet

Publication  
**EP 1344855 A3 20040121 (DE)**

Application  
**EP 03003372 A 20030214**

Priority  
DE 10211149 A 20020314

Abstract (en)  
[origin: EP1344855A2] A textile weaving machine has a spreader bar which is esp. a one-piece length of tubular metal with an outer diameter D more than 10 mm pref. 15 mm. The metal is V4A steel thickness s more than 0.4 mm pref. 0.7 mm. the steel surface roughness depth (Rt) is reduced to Rt more than 10  $\mu$  pref, 20 - 50 $\mu$ .

IPC 1-7  
**D03J 1/22**

IPC 8 full level  
**D06C 3/06** (2006.01); **D03J 1/22** (2006.01)

CPC (source: EP US)  
**D03J 1/223** (2013.01 - EP US)

Citation (search report)  
• [A] US 4919171 A 19900424 - DORNIER PETER [DE]  
• [A] DE 19538137 C1 19970213 - NEUENHAUSER MASCHBAU GMBH [DE]  
• [A] US 2434820 A 19480120 - TIFFT EMERSON B  
• [A] US 5305803 A 19940426 - STEINBERGER RAINER [DE]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT SE SI SK TR

DOCDB simple family (publication)  
**EP 1344855 A2 20030917; EP 1344855 A3 20040121; EP 1344855 B1 20060726**; AT E334242 T1 20060815; DE 10211149 A1 20031002; DE 50304319 D1 20060907; ES 2268177 T3 20070316; JP 2003278055 A 20031002; JP 3110408 U 20050623; PT 1344855 E 20061229; US 2003172984 A1 20030918; US 6915822 B2 20050712

DOCDB simple family (application)  
**EP 03003372 A 20030214**; AT 03003372 T 20030214; DE 10211149 A 20020314; DE 50304319 T 20030214; ES 03003372 T 20030214; JP 2003070431 A 20030314; JP 2005000624 U 20050210; PT 03003372 T 20030214; US 38788903 A 20030312