

Title (en)  
Woven fabric structure

Title (de)  
Gewebestruktur

Title (fr)  
Structure de tissu tissé

Publication  
**EP 1790772 A1 20070530 (EN)**

Application  
**EP 06122252 A 20061013**

Priority  
DE 102005056618 A 20051125

Abstract (en)  
The present invention relates to a woven fabric structure comprising at least one array of warp yarns (102) interwoven with at least one array of substantially orthogonally extending weft yarns (100), wherein each end of a warp yarn (102) is extended beyond the last weft (100a) to form either a binder (106) or a seam loop (104) which can be interdigitated with similar seam loops (104) of the opposing fabric end and joined by at least one pintle wire (108) passed through a tunnel (110) formed by the interdigitated seam loops (104). The inventive woven fabric structure is characterized in that the seam loops (104) and the binders (106) of the warp yarns (102) possess a ratio (R) above 1:1 and below 4:1.

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**D21F 1/00** (2006.01); **D03D 3/04** (2006.01); **D03D 25/00** (2006.01)

CPC (source: EP US)  
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Citation (search report)

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