

Title (en)
MULTILAYER KNITTED STRUCTURE AND METHOD OF PRODUCING THE SAME

Title (de)
MEHRLAGENGESTRICK UND VERFAHREN ZU SEINER HERSTELLUNG

Title (fr)
TRICOT MULTICOUCHE ET SON PROCEDE DE PRODUCTION

Publication
EP 0873440 A1 19981028 (DE)

Application
EP 95940166 A 19951212

Priority
DE 9501774 W 19951212

Abstract (en)
[origin: WO9721860A1] The invention concerns a multilayer flat or circular knitted structure comprising two plain knitted webs (5, 6) which are interconnected by a third thread system. The invention also concerns a method of producing such structures, in particular for producing semi-finished structures for fibre composites. The two knitted webs are held together by at least one bundle of warp threads (4). The thickness of the multilayer knitted structure can be increased by further warp thread bundles and additional weft threads. Advantageously, the warp and weft threads run according to the stress applied, for example, in the fibre composite. The multilayer knitted structure according to the invention enables fibre composites to be produced in an ideal manner.

IPC 1-7
D04B 1/00

IPC 8 full level
D04B 1/00 (2006.01)

CPC (source: EP US)
D04B 1/123 (2013.01 - EP US); **D04B 7/14** (2013.01 - EP); **D04B 15/38** (2013.01 - US); **D04B 15/56** (2013.01 - US);
D10B 2403/021 (2013.01 - EP US); **D10B 2403/02411** (2013.01 - EP); **D10B 2403/02412** (2013.01 - EP US); **D10B 2505/02** (2013.01 - EP)

Citation (search report)
See references of WO 9721860A1

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

DOCDB simple family (publication)
WO 9721860 A1 19970619; AT E216003 T1 20020415; AU 4171796 A 19970703; DE 4419985 A1 19951214; DE 4419985 C2 19960404;
DE 59510165 D1 20020516; EP 0873440 A1 19981028; EP 0873440 B1 20020410; JP 2000501792 A 20000215; US 6244077 B1 20010612

DOCDB simple family (application)
DE 9501774 W 19951212; AT 95940166 T 19951212; AU 4171796 A 19951212; DE 4419985 A 19940608; DE 59510165 T 19951212;
EP 95940166 A 19951212; JP 52158697 A 19951212; US 7713598 A 19980713