

Title (en)
SEMIFINISHED PRODUCT WITH A METALLIC FOAM CORE

Title (de)
HALBZEUG MIT METALLSCHAUM-KERN

Title (fr)
PRODUIT SEMI-FINI COMPORTANT UN NOYAU EN MOUSSE METALLIQUE

Publication
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Application
EP 98962200 A 19981103

Priority
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Abstract (en)
[origin: DE19749228A1] Processes are disclosed for manufacturing semifinished products made of tubular elements with a metallic foam core.

IPC 1-7
B22F 3/11; **B41F 13/08**

IPC 8 full level
B22F 3/11 (2006.01); **B22F 5/12** (2006.01); **B22F 7/00** (2006.01); **B22F 7/04** (2006.01); **B22F 7/06** (2006.01); **B41F 13/08** (2006.01); **F16C 13/00** (2006.01)

CPC (source: EP US)
B22F 7/006 (2013.01 - EP US); **B22F 7/062** (2013.01 - EP US); **B41F 13/08** (2013.01 - EP US); **B22F 2998/00** (2013.01 - EP US); **Y10T 29/49547** (2015.01 - EP US); **Y10T 29/49549** (2015.01 - EP US); **Y10T 29/49552** (2015.01 - EP US); **Y10T 29/49558** (2015.01 - EP US); **Y10T 29/49865** (2015.01 - EP US); **Y10T 29/49885** (2015.01 - EP US); **Y10T 29/49936** (2015.01 - EP US)

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DE 19749228 A1 19990602; CN 1108213 C 20030514; CN 1278753 A 20010103; DE 59807090 D1 20030306; EP 1028823 A1 20000823; EP 1028823 B1 20030129; ES 2190127 T3 20030716; JP 2001522978 A 20011120; US 2002055428 A1 20020509; US 2003056372 A1 20030327; US 6484402 B2 20021126; US 6827677 B2 20041207; WO 9924195 A1 19990520

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