

Title (en)  
NOZZLE BLOCK FOR THE PRODUCTION OF SYNTHETIC THREADS AND FIBRES

Title (de)  
DÜSENBLOCK ZUR HERSTELLUNG SYNTHETISCHER FÄDEN UND FASERN

Title (fr)  
PORTE-BUSE DESTINE A LA FABRICATION DE FILS ET FIBRES SYNTHETIQUES

Publication  
**EP 1472392 B1 20090902 (DE)**

Application  
**EP 02806740 A 20021203**

Priority  
• DE 10205465 A 20020208  
• EP 0213636 W 20021203

Abstract (en)  
[origin: WO03066940A1] A nozzle block, for the production of synthetic threads and fibres, comprises a housing (2) which houses a nozzle set (3). The nozzle set (3) comprises a nozzle block upper piece (6), lying on a support piece (5) and a nozzle (4), arranged beneath the support piece which is supported by the housing (2). The nozzle block upper piece and support piece surround a sand chamber (25). The nozzle set is tensioned within the housing such that the sealing means (30) between the support piece (5) and nozzle (4) may be axially compressed on pressurising the sand chamber (25), whereby the degree of freedom of movement in the axial direction is defined by a stop. The filter chamber is thus securely sealed against the housing on pressurisation as well as in the non-pressurised state.

IPC 8 full level  
**D01D 4/00** (2006.01); **D01D 4/08** (2006.01)

CPC (source: EP)  
**D01D 4/00** (2013.01); **D01D 4/08** (2013.01)

Cited by  
CN111155241A

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

DOCDB simple family (publication)  
**WO 03066940 A1 20030814**; AR 038244 A1 20050105; AT E441741 T1 20090915; AU 2002367613 A1 20030902; BR 0215575 A 20041221; CN 1324171 C 20070704; CN 1617956 A 20050518; DE 10205465 A1 20030828; DE 50213824 D1 20091015; EP 1472392 A1 20041103; EP 1472392 B1 20090902; MY 139309 A 20090930; TW 200302884 A 20030816; TW I221863 B 20041011

DOCDB simple family (application)  
**EP 0213636 W 20021203**; AR P030100284 A 20030130; AT 02806740 T 20021203; AU 2002367613 A 20021203; BR 0215575 A 20021203; CN 02827856 A 20021203; DE 10205465 A 20020208; DE 50213824 T 20021203; EP 02806740 A 20021203; MY PI20030400 A 20030206; TW 91137723 A 20021227