

Title (en)  
Weft insert subnozzle

Title (de)  
Schusseintragshilfsblassdüsen

Title (fr)  
Tuyère auxiliaire d'insertion de trame

Publication  
**EP 1143054 B2 20081015 (EN)**

Application  
**EP 01105822 A 20010308**

Priority  
JP 2000102720 A 20000404

Abstract (en)  
[origin: EP1143054A1] The weft insert subnozzle for air jet loom comprises two members (12, 14, 56, 58) joined together, one of which has an air jet hole (34) formed at its front end portion. Each member extends in the axial direction of the jet hole, and the thickness dimension of the one member (12, 56) with the air jet hole is greater than that of the other member (14, 58). <IMAGE>

IPC 8 full level  
**D03D 47/30** (2006.01)

CPC (source: EP KR)  
**D03D 47/30** (2013.01 - KR); **D03D 47/302** (2013.01 - EP)

Citation (opposition)  
Opponent :

- JP H01102171 A 19890419 - TOKYU KOKEN KK
- JP S6017145 A 19850129 - NISSAN MOTOR
- EP 0541489 A1 19930512 - TOYODA AUTOMATIC LOOM WORKS [JP]

Cited by  
EP3640382A1; CN111058159A

Designated contracting state (EPC)  
BE DE IT

DOCDB simple family (publication)  
**EP 1143054 A1 20011010; EP 1143054 B1 20031112; EP 1143054 B2 20081015**; CN 1112469 C 20030625; CN 1316557 A 20011010; DE 60101176 D1 20031218; DE 60101176 T2 20040729; DE 60101176 T3 20090514; JP 2001295159 A 20011026; KR 100470683 B1 20050307; KR 20010094960 A 20011103

DOCDB simple family (application)  
**EP 01105822 A 20010308**; CN 01112440 A 20010404; DE 60101176 T 20010308; JP 2000102720 A 20000404; KR 20010011825 A 20010307