

Title (en)  
YARN DRAWING-IN NOZZLE

Publication  
**EP 0358296 A3 19900530 (EN)**

Application  
**EP 89303993 A 19890421**

Priority  
JP 20506188 A 19880817

Abstract (en)  
[origin: EP0358296A2] A yarn drawing-in nozzle for drawing a yarn (29) through an eye (21a) of a drawn-through member (21), comprising: a compression nozzle (24) provided in an upstream side of the drawn-through member (21) and having a block (23), the block (23) being formed with a guide passage (30) to which compressed air is supplied and into which the yarn (29) with its distal end portion (29b) is inserted and through which the yarn (29) is drawn through the eye (21a) of the drawn-through member (21) with the aid of the compressed air; the guide passage (30) of the compression nozzle (24) being defined by an axially elongated groove (31) having an upper open end (33) and a bottom surface (32) along a yarn drawing-in direction (Y) so that the compressed air is supplied through the bottom surface (32) to the guide passage (30) and that the distal end portion (29b) is drawn toward the bottom surface (32) through the upper open end (33) and that the yarn (29) is drawn through the eye (21a) of the drawn-through member (21) from a distal end (29a) of the yarn (29) along the bottom surface (32).

IPC 1-7  
**D03J 1/14**

IPC 8 full level  
**D02J 1/00** (2006.01); **B65H 51/28** (2006.01); **D02J 1/22** (2006.01); **D03J 1/14** (2006.01)

CPC (source: EP KR)  
**D03J 1/14** (2013.01 - EP KR)

Citation (search report)  
• [APD] EP 0295806 A1 19881221 - TEIJIN SEIKI CO LTD [JP]  
• [A] EP 0158933 A2 19851023 - TEIJIN SEIKI CO LTD [JP]

Designated contracting state (EPC)  
CH DE FR IT LI

DOCDB simple family (publication)  
**EP 0358296 A2 19900314; EP 0358296 A3 19900530; EP 0358296 B1 19930310**; DE 68905270 D1 19930415; DE 68905270 T2 19930729; JP 2580012 B2 19970212; JP H0253931 A 19900222; KR 900003453 A 19900326; KR 940001582 B1 19940225

DOCDB simple family (application)  
**EP 89303993 A 19890421**; DE 68905270 T 19890421; JP 20506188 A 19880817; KR 890006613 A 19890518