

Title (en)

A valve body and a liquid storage container for a liquid discharge device utilizing the valve body

Title (de)

Ventilkörper und Flüssigkeitsaufbewahrungsbehälter eines Flüssigkeitsausstossgeräts, der diesen Ventilkörper benutzt

Title (fr)

Corps de vanne et réservoir de stockage de liquide pour appareil d'éjection de liquide utilisant ce corps de vanne

Publication

EP 1095792 A3 20030604 (EN)

Application

EP 00122336 A 20001023

Priority

- JP 30927199 A 19991029
- JP 34146999 A 19991130
- JP 36889099 A 19991227
- JP 2000020946 A 20000128
- JP 2000118705 A 20000419
- JP 2000230110 A 20000731

Abstract (en)

[origin: EP1095792A2] A porous material such as polyurethane foam is compressed to form skeletal portions in a three-dimensional network and mutually communicated pores or passages. The passages are closed at the skeletal portions by contacting the skeletal portions with each other so that valve caps are formed for closing the passages. Thus formed valve body is applicable to pen tips for writing instruments and printer heads for ink jet printers. <IMAGE>

IPC 1-7

B43K 8/02; **B41J 27/20**; **B41J 2/175**

IPC 8 full level

B65D 83/44 (2006.01); **B41J 2/175** (2006.01); **B41J 27/20** (2006.01); **B43K 5/18** (2006.01)

CPC (source: EP KR)

B41J 2/17596 (2013.01 - EP); **B41J 27/20** (2013.01 - EP); **B43K 5/1827** (2013.01 - EP); **B43K 5/1836** (2013.01 - EP); **B65D 83/44** (2013.01 - KR)

Citation (search report)

- [X] WO 9511752 A1 19950504 - SCIENT DIMENSIONS INC [US], et al
- [X] US 4211849 A 19800708 - KOLLMEIER HANS-JOACHIM [DE], et al
- [X] MALBRANQUE SERSEG SA: "Catalogue N# 75", 1975, MALBRANQUE SERSEG SA, FRANCE, XP002224995

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CN114183794A; US2019344572A1; US10926547B2; US8070273B2

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