

Title (en)
Probe end cleaning sheet

Title (de)
Taststiftspitz Reinigungsblatt

Title (fr)
Feuille pour le nettoyage d'extrémité de sonde

Publication
EP 0937541 A3 20020710 (EN)

Application
EP 99301238 A 19990219

Priority
JP 5623498 A 19980220

Abstract (en)
[origin: EP0937541A2] To remove foreign matter without deforming the end of a probe 211, and prevent new foreign matter from adhering to the end of a probe, there is provided a probe end cleaning sheet comprising a cleaning thin film 110 having fine abrasive powder applied on the surface, an elastic sheet 120 provided in a lower layer of the cleaning thin film 110 and having an elasticity, and a board 130 provided in a lower layer of the elastic sheet 120, in which the cleaning thin film 110 is made of a material which is dented when the end of the probe 211 is pressed with a specified load but is not torn by the end of the probe 211, and the elastic sheet 120 is made of a material which is dented in the pressed portion by the end of the probe 211 when the end of the probe 211 is pressed to the cleaning thin film 110 with the specified load. <IMAGE>

IPC 1-7
B24B 9/00; **B24B 29/00**

IPC 8 full level
G01R 1/06 (2006.01); **B24B 29/04** (2006.01); **B24D 3/22** (2006.01); **B24D 11/00** (2006.01); **G01R 31/28** (2006.01); **H01L 21/66** (2006.01)

CPC (source: EP US)
B24B 29/04 (2013.01 - EP US); **B24D 3/22** (2013.01 - EP US); **B24D 11/001** (2013.01 - EP US)

Citation (search report)
• [X] EP 0737549 A2 19961016 - DAINIPPON PRINTING CO LTD [JP]
• [X] US 5456734 A 19951010 - RYOKE KATSUMI [JP], et al
• [X] US 5672185 A 19970930 - RYOKE KATSUMI [JP]

Cited by
DE19952183B4; US6908364B2; US7182672B2

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DOCDB simple family (application)
EP 99301238 A 19990219; CN 99103313 A 19990214; JP 5623498 A 19980220; SG 1999000645 A 19990219; TW 88102086 A 19990210; US 24985899 A 19990216