

Title (en)

Abrasion resistant stopper to prevent generation of particles by piercing

Title (de)

Verschleissfester Stöpsel zur Vermeidung des Erzeugungs von Teilchen beim Durchbohren

Title (fr)

Bouchon résistant à l'abrasion pour éviter la formation de particules lors de la perforation

Publication

EP 0564037 B1 19970730 (EN)

Application

EP 93200885 A 19930327

Priority

US 86212092 A 19920402

Abstract (en)

[origin: EP0564037A1] An abrasion-resistant stopper (10) for a medical vial for containing a fluid therein comprising a stopper body of an elastomeric material having a head portion (20) and a fluid contactable leg portion (30), the leg portion (30) being adapted to be inserted into the medical vial for hermetically sealing the fluid therein and the head portion (20) comprising a top surface to receive a coating thereon, the top surface being coated with an abrasion-resistant coating (40) to prevent generation of particles upon piercing of the stopper (10) by a spike or a hypodermic needle. Preferably the coating (40) covers at least the centre, pierceable portion of the top surface and is advantageously polytetrafluoroethylene. <IMAGE>

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B65D 51/00

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CPC (source: EP KR)

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Cited by

CN102283776A; CN113474083A; EP2546152A3; CN100347052C; EP2006213A3; US7946437B2; US11319122B2; US9637251B2; WO2004018317A3; WO2020142592A1; EP2817237A2

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