

Title (en)  
SYRINGE AND PROTECTIVE NEEDLE SHEATH

Publication  
**EP 0413697 A4 19910515 (EN)**

Application  
**EP 89903665 A 19890322**

Priority  
• AU PI779288 A 19880418  
• US 27420488 A 19881121

Abstract (en)  
[origin: WO8910150A1] A sheath (12) for the needle (13) of a hypodermic syringe (11) to isolate the needle so as to avoid contamination and injury, particularly after use of the needle. The sheath (12) comprises a hollow body (41) having an opening (45) at one end and is movable relative to the syringe needle between a first position in which the syringe needle is wholly contained within the hollow body and a second position in which the syringe needle extends through the opening in the hollow body. Preferably said hollow body has a movable wall (49) opposite said opening, said movable wall being adapted to support the syringe needle with one end of the needle being exposed to the exterior of the hollow body. Said movable wall moving the needle between said first and second position.

IPC 1-7  
**A61M 5/31**; **A61M 5/32**; **A61M 5/34**

IPC 8 full level  
**A61M 5/32** (2006.01); **A61M 5/31** (2006.01)

CPC (source: EP)  
**A61M 5/3213** (2013.01); **A61M 5/3243** (2013.01); **A61M 2005/3106** (2013.01); **A61M 2005/3253** (2013.01)

Citation (search report)  
• FR 2620942 A1 19890331 - BRUNEL MARC [FR]  
• EP 0299287 A1 19890118 - PONCY GEORGE W  
• US 4772272 A 19880920 - MCFARLAND BARTON C [US]  
• US 3320954 A 19670523 - COWLEY CALVIN C  
• See references of WO 8910150A1

Designated contracting state (EPC)  
AT BE CH DE FR GB IT LI LU NL SE

DOCDB simple family (publication)  
**WO 8910150 A1 19891102**; EP 0413697 A1 19910227; EP 0413697 A4 19910515

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**AU 8900117 W 19890322**; EP 89903665 A 19890322