Title (en)

IMPLANT WITH IMPROVED HOMOGENEITY FOR PLASTIC SURGERY AND METHOD FOR THE PRODUCTION THEREOF

Title (de)

IMPLANTAT FÜR PLASTISCHE CHIRURGIE MIT VERBESSERTER VERARBEITUNGSTOLERANZ UND DAZUGEHÖRIGES HERSTELLUNGSVERFAHREN

Title (fr)

IMPLANT DE CHIRURGIE PLASTIQUE A REGULARITE AMELIOREE ET PROCEDE DE FABRICATION CORRESPONDANT

Publication

EP 1651143 A2 20060503 (FR)

Application

EP 04767714 A 20040716

Priority

- FR 2004001890 W 20040716
- FR 0309102 A 20030724

Abstract (en)

[origin: FR2857852A1] The implant (1) is made by filling an elastomer pouch (2) with a suitable gel or fluid such as a saline or physiological solution, soya oil or a hydrogel. The pouch is produced by injecting an elastomer material into a space between the two halves of a mould and an inner core to make a supple envelope (2A) which can subsequently be dipped to give it an outer coating (2B). The implant (1) is made by filling an elastomer pouch (2) with a suitable gel or fluid such as a saline or physiological solution, soya oil or a hydrogel. The pouch is produced by injecting an elastomer material into a space between the two halves of a mould and an inner core to make a supple envelope (2A) which can subsequently be dipped to give it an outer coating (2B). The thickness of the envelope wall is about 0.5 mm, with a tolerance of between 15 and 20 per cent. Variants of the design can use pouches with three, four, five or more wall layers.

IPC 1-7

A61F 2/12

IPC 8 full level

A61F 2/12 (2006.01); **B29C 45/14** (2006.01)

CPC (source: EP US)

A61F 2/12 (2013.01 - EP US); **B29C 45/14** (2013.01 - EP US)

Citation (search report)

See references of WO 2005009711A2

Citation (examination)

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- US 5376323 A 19941227 - EATON L DANIEL [US]
- EP 0293256 A1 19881130 - MENTOR CORP [US]
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FR 0309102 A 20030724; BR PI0412841 A 20040716; CA 2533676 A 20040716; CN 200480021381 A 20040716; EP 04767714 A 20040716; FR 2004001890 W 20040716; US 56561304 A 20040716