

Title (en)  
PIPE LINER AND METHOD OF INSTALLATION THEREOF

Publication  
**EP 0394405 A4 19910313 (EN)**

Application  
**EP 89911439 A 19890927**

Priority  
• US 24989688 A 19880927  
• US 26246988 A 19881025

Abstract (en)  
[origin: WO9003260A1] A liner (10) for a pipe (14) includes an imperforate inner tube (12), a first fiber matrix (16) surrounding the tube, a layer of resin impregnated open cell foam (18) surrounding the first fiber matrix (16), and a second fiber matrix (20) surrounding the layer of open cell foam (18). The foam (18) is radially compressed by a pig (30) causing the resin to flow through the first and second fiber matrices (16 and 20) into bonding contact with the tube (12) and pipe (14), respectively.

IPC 1-7  
**B29C 63/34**; **B29L 23/22**

IPC 8 full level  
**F16L 1/00** (2006.01); **B29C 63/34** (2006.01); **F16L 55/165** (2006.01); **B29K 105/08** (2006.01)

CPC (source: EP KR)  
**B29C 63/34** (2013.01 - KR); **F16L 55/1652** (2013.01 - EP); **F16L 55/1656** (2013.01 - EP)

Citation (search report)  
• No further relevant documents have been disclosed.  
• See references of WO 9003260A1

Designated contracting state (EPC)  
BE LU

DOCDB simple family (publication)  
**WO 9003260 A1 19900405**; AU 4179089 A 19900405; DK 128590 A 19900528; DK 128590 D0 19900523; EP 0365156 A2 19900425; EP 0365156 A3 19900502; EP 0394405 A1 19901031; EP 0394405 A4 19910313; JP H02187323 A 19900723; KR 900701511 A 19901203; NL 8921048 A 19900903

DOCDB simple family (application)  
**US 8904234 W 19890927**; AU 4179089 A 19890926; DK 128590 A 19900523; EP 89309761 A 19890926; EP 89911439 A 19890927; JP 25171189 A 19890927; KR 900701095 A 19900526; NL 8921048 A 19890927