

Title (en)  
LOW BULK DISPOSABLE DIAPER

Publication  
**EP 0441842 A4 19920122 (EN)**

Application  
**EP 89912336 A 19891026**

Priority  
US 26352988 A 19881027

Abstract (en)  
[origin: WO9004375A1] A disposable diaper (10) is disclosed which has been particularly configured for improved fit and comfort, as well as providing enhanced absorptive capacity and leakage-resistant characteristics. Improved fit and comfort are achieved by providing the diaper with a relatively thin, narrow absorbent panel (14), with the panel configured to provide desirably high absorbency efficiency for enhanced performance characteristics. Additionally, the diaper is provided with elasticized leg openings (24) each including a plurality of elastic members (26). The innermost ones of the elastic members are positioned relatively close together, thereby providing improved fit.

IPC 1-7  
**A61F 13/15**

IPC 8 full level  
**A61F 13/15** (2006.01); **A61F 13/56** (2006.01)

CPC (source: EP)  
**A61F 13/49011** (2013.01); **A61F 13/495** (2013.01); **A61F 13/535** (2013.01); **A61F 13/15585** (2013.01); **A61F 13/491** (2013.01); **A61F 2013/49076** (2013.01); **A61F 2013/51409** (2013.01); **A61F 2013/51415** (2013.01); **A61F 2013/530481** (2013.01); **A61F 2013/530496** (2013.01); **A61F 2013/5307** (2013.01); **A61F 2013/53721** (2013.01); **A61F 2013/583** (2013.01)

Citation (search report)

- US 4699620 A 19871013 - BERNARDIN LEO J [US]
- DE 2027809 A1 19701210
- EP 0228821 A1 19870715 - PROCTER & GAMBLE [US]
- See references of WO 9004375A1

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

DOCDB simple family (publication)  
**WO 9004375 A1 19900503**; CA 1333951 C 19950117; EP 0441842 A1 19910821; EP 0441842 A4 19920122

DOCDB simple family (application)  
**US 8904783 W 19891026**; CA 615107 A 19890929; EP 89912336 A 19891026