

Title (en)
DISPOSABLE LIQUID-ABSORBENT ARTICLE

Title (de)
WEGWERFBARER ABSORBIERENDER ARTIKEL

Title (fr)
ARTICLE ABSORBANT JETABLE

Publication
EP 0957864 A1 19991124 (EN)

Application
EP 96939416 A 19961114

Priority
• SE 9601468 W 19961114
• SE 9504074 A 19951116

Abstract (en)
[origin: WO9717920A1] Disposable liquid-absorbent article, such as a diaper (10), an incontinence guard, a sanitary napkin or the like. When in use, the liquid-absorbent article according to the invention is imparted a highly efficient collecting shape. This is achieved by means of pre-stressed, curved elastic members (23) which extend with at least one essentially continuously curved portion (24, 25) across at least one region of the absorbent body (12) of the article. When bending of the article is initiated by the user, the elastic members exert tensile forces which deform the article in order to form, in relation to the plane of the article, a transverse basin wall along the curved elastic portions. On the side of at least one curved portion of an elastic member against which said tensile forces are acting, the article is designed with a stiffer portion than on the other side of said curved portion.

IPC 1-7
A61F 13/15

IPC 8 full level
A61F 13/494 (2006.01); **A61F 5/44** (2006.01); **A61F 13/15** (2006.01); **A61F 13/472** (2006.01)

CPC (source: EP)
A61F 13/4702 (2013.01); **A61F 13/49009** (2013.01); **A61F 13/49017** (2013.01); **A61F 2013/4543** (2013.01); **A61F 2013/49038** (2013.01); **A61F 2013/49039** (2013.01); **A61F 2013/51492** (2013.01)

Citation (search report)
See references of WO 9717920A1

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
WO 9717920 A1 19970522; EP 0957864 A1 19991124; JP 2000500050 A 20000111; SE 508312 C2 19980921; SE 9504074 D0 19951116; SE 9504074 L 19970517

DOCDB simple family (application)
SE 9601468 W 19961114; EP 96939416 A 19961114; JP 51879197 A 19961114; SE 9504074 A 19951116