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(71) Applicant(s):

KIMBERLY-CLARK WORLDWIDE, INC. [US/US]; 2300 WINCHESTER ROAD Neenah, Wisconsin 54956 (US) (*for all designated states*)

(72) Inventor(s):

SIQUEIRA, Jose Augusto Vidal De; Kimberly-Clark Global Sales 1400 Holcomb Bridge Road Roswell, Georgia 30076 (US)
VAUGHAN, Michael R.; Kimberly-Clark Global Sales 1400 Holcomb Bridge Road Roswell, Georgia 30076 (US)

(74) Agent(s):

TULLEY, JR., Douglas H.; KIMBERLY-CLARK WORLDWIDE, INC. 2300 WINCHESTER ROAD Neenah, Wisconsin 54956 (US)

(54) Title (EN): APERTURED ELASTIC FILM LAMINATES

(54) Title (FR): STRATIFIÉS À FILM ÉLASTIQUE À OUVERTURES

(57) Abstract:

(EN): An elastic laminate is provided including at least one gathered outer facing layer of a fabric and an apertured elastic film attached thereto. The aperture film includes a series of alternating first and second segments that extend continuously along the direction of elasticity. The first segments of the film are substantially devoid of any apertures and the second segments are strewn with apertures of irregular size and shape. The regionally limited and irregular apertures are formed by the controlled rupturing of the film within those segments. The elastic laminate has excellent air-permeability and elastic properties.

(FR): L'invention concerne un stratifié élastique comprenant au moins une couche orientée vers l'extérieur froncée d'un tissu et un film élastique à ouvertures, fixé à celle-ci. Le film à ouvertures comprend une série de premier et second segments alternés, qui s'étendent de façon continue le long de la direction d'élasticité. Les premiers segments du film sont sensiblement dépourvus d'ouvertures et les seconds segments sont parsemés d'ouvertures de taille et de forme irrégulières. Les ouvertures régionalement limitées et irrégulières sont formées par la rupture contrôlée du film à l'intérieur de ces segments. Le stratifié élastique présente d'excellentes propriétés de perméabilité à l'air et d'élasticité.

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Declarations:

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate