

Title (en)  
Extendable support frame for undergarment

Title (de)  
Erweiterbarer Stützbügel für Unterwäsche

Title (fr)  
Cadre de support extensible pour sous-vêtement

Publication  
**EP 2353412 A1 20110810 (EN)**

Application  
**EP 10196770 A 20101223**

Priority  
CN 201019164047 A 20100201

Abstract (en)  
An extendable support frame for an undergarment, relating generally to the garment field and more particularly to a functional component for the women's undergarments, is characterized in that it comprises a support rib and a sliding sleeve fitted over the support rib, at top end of which sliding sleeve a fixing hole is provided; the sliding sleeve is fitted over one end of the support rib, and a fixing hole is provided at the other end of the support rib. Compared with the prior art, the invention is of easier manufacture and flexible extension by reducing intermediate components, and the invention can bring about extension variation of its length while performing support function, which therefore solves the technical problem that the support frame of the slit of the undergarment such as the women's form-fitting undergarments generates the buckling caused by the length being not compressed. The wearing of the women's form-fitting undergarments such as girdling garments is abutted with the body and is aesthetic in appearance. The wearer feels more pleased, comfortable and tight-fitting in movement. Moreover, the service lives of the women's form-fitting undergarments which are provided with the port frames are prolonged.

IPC 8 full level  
**A41C 3/12** (2006.01)

CPC (source: EP US)  
**A41C 3/126** (2013.01 - EP US)

Citation (search report)  
• [X] US 2700768 A 19550201 - HERMAN KRESS  
• [X] US 6468130 B1 20021022 - THAKUR AJIT [US], et al  
• [X] DE 2631136 A1 19780119 - FILDAN GERHARD  
• [A] FR 2860691 A1 20050415 - VINH CHEK HOR [FR], et al

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
**EP 2353412 A1 20110810**; AU 2010257451 A1 20110818; CN 101756356 A 20100630; US 2011185478 A1 20110804

DOCDB simple family (application)  
**EP 10196770 A 20101223**; AU 2010257451 A 20101224; CN 201019164047 A 20100201; US 201113009119 A 20110119