

## Title (en)

Fire-resistant strip and method of manufacturing a fire-resistant strip

## Title (de)

Feuerschutzwulst und Herstellungsverfahren eines Feuerschutzwulsts

## Title (fr)

Bourrelet coupe-feu et procédé de fabrication d'un bourrelet coupe-feu

## Publication

**EP 2230360 A1 20100922 (FR)**

## Application

**EP 10156940 A 20100318**

## Priority

FR 0951760 A 20090319

## Abstract (en)

A fireproof roll (1, 9) for making fire-break joints, comprising a core (2, 10) of rock fibres (4) and a high temperature-resistant outer envelope (3, 13), in which the core also contains a smaller amount of high temperature-resistant, curly support fibres (5) with a length of at least 40 mm (intimately mixed with (4)), the two types (4; 5) being in the form of one or more carded tapes (11) parallel to one another in the longitudinal direction (L) of the roll (1, 9). An independent claim is included for a method for making a fireproof roll as described above, by (a) carding a mixture of the two types of fibre (4; 5) to form carded tape (11) and (b) feeding one or more tapes in parallel onto a sheathing machine so as to cover the core (2, 10) formed by the assembled tapes.

## Abstract (fr)

L'invention a pour objet un bourrelet coupe-feu (1) pour la fabrication de joints coupe-feu composé d'une âme (2) comprenant des fibres de roche (4) et d'une enveloppe externe (3) résistante aux hautes températures. De manière caractéristique, l'âme (2) comporte de plus, en mélange intime avec les fibres de roche (4) et en proportion minoritaire, des fibres supports frisées (5) résistantes aux hautes températures ayant une longueur supérieure ou égale à 40 mm, et lesdites fibres de roche (4) et fibres supports (5) se présentent sous forme d'un ou plusieurs rubans cardés disposés parallèlement les uns aux autres selon la direction longitudinale (L) dudit bourrelet (1).

## IPC 8 full level

**D04H 1/00** (2006.01); **D04H 1/4209** (2012.01); **D04H 1/4218** (2012.01); **D04H 1/4242** (2012.01); **D04H 1/4342** (2012.01); **D04H 1/70** (2012.01); **D04H 1/736** (2012.01); **D04H 1/74** (2006.01); **D04H 3/004** (2012.01); **D04H 5/08** (2006.01); **E04B 1/94** (2006.01)

## CPC (source: EP)

**D04C 1/06** (2013.01); **D04H 1/4209** (2013.01); **D04H 1/4218** (2013.01); **D04H 1/4242** (2013.01); **D04H 1/4342** (2013.01); **D04H 1/736** (2013.01); **D04H 1/74** (2013.01); **D04H 1/76** (2013.01); **D04H 3/004** (2013.01); **D04H 5/08** (2013.01); **E04B 1/948** (2013.01); **D10B 2403/0243** (2013.01)

## Citation (search report)

- [A] US 4622251 A 19861111 - GIBB JOHN F [US]
- [A] WO 2005111289 A1 20051124 - DU PONT [US], et al
- [A] EP 0066414 A2 19821208 - DU PONT [US]
- [A] EP 1855346 A1 20071114 - FUJI CORP [JP]

## Cited by

US2015368861A1; FR3024947A1; FR3032985A1; FR3075057A1; WO2014122157A1; WO2016026743A1

## Designated contracting state (EPC)

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 SE SI SK SM TR

## Designated extension state (EPC)

AL BA ME RS

## DOCDB simple family (publication)

**EP 2230360 A1 20100922**; **EP 2230360 B1 20120523**; FR 2943257 A1 20100924; FR 2943257 B1 20110415

## DOCDB simple family (application)

**EP 10156940 A 20100318**; FR 0951760 A 20090319