

Title (en)

Process of manufacturing a technical belt

Title (de)

Verfahren zur Herstellung eines technischen Gurtes

Title (fr)

Procédé de fabrication d'une sangle technique

Publication

**EP 0688891 B1 20000816 (DE)**

Application

**EP 95107506 A 19950517**

Priority

DE 4417498 A 19940519

Abstract (en)

[origin: EP0688891A1] The belt material, to carry dust matter through a fluidising stage, has a number of paired beadings (2,2a; 3,3a; 4,4a) in the belt (1) woven parallel to each other on the warp direction using one or more filler warps (16,26,36), between the woven layers (1a,1b). The filler warps (16,26,36) are woven across the width of the woven belt (1) so that the outer edges (12-14) of the developed beadings are at intervals (L2-L4) according to the required belt (30,40) width. The beadings (2a,3; 3a,4) of adjacent pairs are at smaller intervals (Z) to be cut through the centre (5), and the cut edges are sealed. Also claimed is a belt with the beading filler warps (16,26,36), between the wefts (9) of the outer woven layers (1a,1b). Pref. the filler warps (16,26,36) are woven in bundles and irregularly, fixed by the bonding warps (8,8a) across the longitudinal line of the woven material to give the cutting line between them. The beadings are woven into the belt material (1) to give different interval lengths (L2-L4) between the beadings in the pairs. A bundle of pref. 40-50 filler warps (16,26,36) in irregular bundles (17,27,37) are used to form the beadings, held across the wefts (9) by the bonding warps (8,8a). <IMAGE>

IPC 1-7

**D03D 11/02**; D03D 3/08; D03J 1/08

IPC 8 full level

**D03D 3/08** (2006.01); **D03D 11/02** (2006.01); **D03J 1/08** (2006.01)

CPC (source: EP)

**D03D 11/02** (2013.01); **D03J 1/08** (2013.01)

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**EP 0688891 A1 19951227**; **EP 0688891 B1 20000816**; DE 59508638 D1 20000921

DOCDB simple family (application)

**EP 95107506 A 19950517**; DE 59508638 T 19950517