

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>

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