

Title (en)
Corduroy fabric

Title (de)
Cordstoff

Title (fr)
Tissu de velours côtelé

Publication
EP 2034062 B1 20100512 (EN)

Application
EP 07116008 A 20070910

Priority
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Abstract (en)
[origin: EP2034062A1] A corduroy fabric fabricated through a circular knitting machine aims to improve the problems of pile loosening and low production efficiency occurred to conventional corduroy fabrics. The corduroy fabric includes a plurality of transverse weft yarn sets (3, 6) each consists of at least three yarns (31, 32, 33, 61, 62, 63) and includes a plurality of pile yarn warp loops (4312, 5312, 4612, 5612) consisting of at least two yarns (31, 32, 61, 62) which has at least one yarn (31, 61) forming at least one pile end (311, 611), and a plurality of binding yarn warp loops (4323, 5323, 4623, 5623) consisting of at least two yarns (32, 33, 62, 63). Each of the binding yarn warp loops (4323, 5323, 4623, 5623) being located respectively at two sides of a selected number of the pile yarn warp loops (4312, 5312, 4612, 5612) and having at least one common yarn (33, 63) winding a selected number of the pile yarn warp loops (4312, 4612) to form a binding yarn (333, 633) cross with the pile end (311, 611). The pile yarn warp loops (4312, 5312) and the binding yarn warp loops (4323, 5323) of one transverse weft yarn set (3) are crossly woven consecutively with longitudinal neighboring pile yarn warp loops (4612, 5612) and the binding yarn warp loops (4623, 5623) of a next transverse weft yarn set (6) to form a plurality of longitudinal warp loop pile zones (9). The corduroy fabric thus formed enables the pile to be fastened more securely. Production efficiency of the corduroy fabric also is higher.

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