Title (en)

PERGOLA CANVAS BLIND

Publication

EP 0208103 B1 19890830 (DE)

Application

EP 86107072 A 19860523

Priority

DE 3524343 A 19850708

Abstract (en)

[origin: EP0208103A1] 1. Pergola blind, comprising a blind cloth which can be wound onto and off a cloth shaft, a drive for the cloth shaft, one winding core each in the two end areas of the cloth shaft, whose rotational axis coincides with that of the cloth shaft, in each case a tie cord which is fixed with one of its ends to each winding core and can be wound onto and off the winding core, one guide roller each at an axially parallel distance from each winding core, around which guide roller the tie cord is passed, and a drop bar along which the free end of the blind cloth and the other ends, passed around the guide rollers, of the tie cords are fixed, characterized in that each winding core (46) is firmly connected to the cloth shaft (24), the wind-on surface of each winding core (46) is designed in a truncated-cone shape, the windings of the tie cord (48, 56) shifting towards the smaller truncated-cone surface (60) when the tie cord (48, 56) is being wound on around the winding core (46), the inclination of the generating line of the truncated-cone-shaped wind-on surface is such that, when the cloth shaft (24) and thus the two winding cores (46) rotate, the periphery of in each case the outermost cloth layer corresponds to the periphery of in each case the nearest winding (68) lining up on each winding core (46), the wind-on surface is formed by the surface of a plurality of truncated-cone circumferential shells (72, 74, 76, 78), the surface of each circumferential shell being defined at its four lateral edges by one circular arc each of the two circular truncated-cone base surfaces (60, 62) and also by two generating lines representing separating lines (80) between adjacent circumferential shells, and the inclination of at least one circumferential shell can be changed along its generating line.

IPC 1-7

E06B 9/08; E06B 9/204

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