

A low-stretch and dimensionally stable floor covering

A B S T R A C T

A low-stretch and dimensionally stable floor covering (1) comprising polymer-containing pile material (2) which is retained to a polymer-containing primary backing (3), to the back of which an underlying secondary backing layer (5) is retained by means of an interleaving adhesive layer (4). The secondary backing layer (5) comprises a needled fibre structure of thermoplastic, polymer-containing, continuous or staple fibres being inter-fixated by heating. The adhesive layer (4) comprises an organic, polymer-containing binder which is activated by heat application. According to the invention, at least the secondary backing layer and/or the binder layer comprise a substantially re-usable material, for instance a moisture-proof plastic. Thereby the floor covering is stable, light and produces at the end of its useful life comparatively little residual waste. Furthermore, the stiffness and the material of the secondary backing layer and the binder layer are chosen such that the thus formed carpet has a sufficient stability for application as carpet tile and can be rolled up relatively easily and, after being formed, the carpet is wound onto so-called broadloom rollers and cut partially into carpet tiles. Such a method makes it possible in simple manner to manufacture well matched carpet tiles and broadloom carpets in the same production process.

Fig. 1

