Claims

1. A ~~D~~device for removably securing ~~the~~ an edge ~~(1), provided with a profiling,~~ of a floor covering ~~(2)~~ provided with an original profiling to a profile construction ~~(3)~~ delimiting the floor covering, the profile construction being ~~in particular~~ a step nosing profile ~~(3)~~ with an angular step profile ~~(7)~~ and a base profile, ~~(9) which~~ wherein the base profile ~~can~~ is configured to be secured on a step, ~~(8)~~ and the angular step profile ~~(7)~~ having a step leg ~~(10)~~ with a covering wing ~~(11)~~ and a stop leg ~~(12)~~ extending from a leading edge of the base profile, ~~characterised by~~ wherein the device further comprises an interchangeable insert ~~(4)~~ which is configured as a profile rail and is arranged such that it ~~can be removed and can be adapted~~ is removably adapted in its position to the profile construction, ~~(3)~~ and ~~on which~~ whereby said insert is configured, with a first retainer on at least on one of ~~its~~ two mutually opposite longitudinal edges of the insert, whereby ~~a~~ said first retainer ~~(6) which~~ cooperates with the original profiling ~~(5)~~ of the edge ~~(1)~~ of the floor covering ~~(2)~~ to removably secure the insert to the floor covering, and whereby the first retainer is configured to be at least partly complementary to the original profiling; ~~(5)~~ and wherein the interchangeable insert comprises at least one vertically supporting rib which has on its free supporting edge a locking engagement which cooperates with a corresponding locking engagement on the base profile.

2. The ~~D~~device according to claim 1, ~~characterised in that~~ wherein the interchangeable insert ~~(4)~~ is completely ~~or partly~~ arranged between the step leg ~~(10)~~ and the base profile ~~(9)~~ and has ~~on its two mutually opposite longitudinal edges differenta~~ second retainers to be used on ~~different profilings of tongue and groove joints~~ the longitudinal edge opposite to the first retainer.

3. The device according to claim 1, wherein the interchangeable insert is partly arranged between the step leg and the base profile and has a second retainer to be used on the longitudinal edge opposite to the first retainer

~~3~~4. The ~~D~~device according to ~~either claim 1 or claim 2~~any one of the preceding claims, ~~characterised in that~~ wherein the interchangeable insert ~~(4)~~ is held on the profile construction ~~(3)~~ by means of a lock ~~(13)~~.

~~4~~5. The ~~D~~device according to claim ~~3~~4, ~~characterised in that~~ wherein the interchangeable insert ~~(4)~~ has, ~~as part of the lock~~ in ~~the~~ a region of the ~~complementary~~ first retainer ~~(6)~~, an anchorage ~~(18)~~ with at least the base profile ~~(9)~~ and~~/or~~ the step leg, ~~(10)~~ whereby the anchorage is part of the lock.

~~5. Device according to any one of the preceding claims, characterised in that the interchangeable insert (4) comprises at least one supporting rib (15) which has on its free supporting edge (16) a locking engagement (17') which cooperates with a corresponding locking engagement (17") on the base profile (9).~~

6. The ~~D~~device according to claim 4~~5~~, ~~characterised in that~~ wherein the at least one vertically extending supporting rib ~~(15)~~ has a web ~~(14) which is used~~ configure to absorb horizontal forces and which is adjoined by the ~~complementary~~ first retainer ~~(6)~~.

7. The ~~D~~device according to any one of the preceding claims, ~~characterised in that~~ wherein the interchangeable insert ~~(4)~~ is produced as a strand cast profile from aluminium or plastics material.

8. The ~~D~~device according to any one of the preceding claims, ~~characterised in that~~ wherein the original profiling ~~(5)~~ is configured as a tongue and groove joint ~~(19)~~ and has at least one projection ~~(21)~~ which is prominent relative to ~~the~~ a tongue and groove plane ~~(20)~~, or said profiling has a recess ~~(22)~~.

9. The ~~D~~device according to any one of the preceding claims, ~~characterised in that~~ wherein the ~~complementary~~ first retainer ~~(6)~~ has at least one retaining ~~rib or one retaining~~ projection ~~(23)~~ which upwardly secures the tongue and groove joint ~~(19)~~ and~~/or~~ at least partly engages behind the projection ~~(21) or engages into the recess (22)~~.

10. The device according to any one of claims 1 to 8, wherein the first retainer has at least one retaining projection which upwardly secures the tongue and groove joint and at least partly engages into the recess.

~~10~~11. The ~~D~~device according to claim 9 or 10, ~~characterised in that~~ wherein predetermined breaking points ~~(24) to reduce the height~~ are formed on the at least one retaining rib ~~(23)~~.

~~11~~12. The ~~D~~device according to any one of the preceding claims, ~~characterised in that~~ wherein the interchangeable insert ~~(4)~~ is configured substantially in a U shape and one leg of the U is configured as retaining rib ~~(23)~~ and the other leg of the U is configured as supporting rib ~~(15)~~.

~~12~~13. The ~~D~~device according to claim ~~11~~12, ~~characterised in that~~ wherein the two legs ~~(23, 15)~~ are joined together by the web ~~(14)~~ and the respective legs have predetermined breaking points ~~(24)~~.

~~13~~14. The ~~D~~device according to any one of the preceding claims, ~~characterised in that~~ wherein the interchangeable insert ~~(4)~~ has at least one hole ~~(25)~~ to secure the interchangeable insert ~~(4)~~ by an attachment means ~~(26)~~ to a straight edge ~~(1)~~ of a floor covering ~~(2)~~.

~~14~~15. The ~~D~~device according to any one of the preceding claims 1 to ~~3~~4, ~~characterised in that~~wherein the interchangeable insert ~~(~~4~~)~~ is held on the base profile by a rail guide system ~~(33, 34)~~.

~~15~~16. The ~~D~~device according to claim ~~14~~15, ~~characterised in that~~ wherein the rail guide system is a rail arrangement ~~(33)~~ which is spherical in cross section.

~~16~~17. The ~~D~~device according to claim ~~14~~15, ~~characterised in that~~ wherein the rail guide system is a dovetail joint ~~(34)~~.