CLAIMS

1. An expansion anchor having
- an anchor bolt (10),
- an expansion sleeve (30) surrounding the anchor bolt (10), and
- an expansion body (12) located in a front region of the anchor bolt (10), wherein the expansion body (12) has a converging zone (23) for expanding the expansion sleeve (30), and wherein the expansion body (12) is provided with at least one expansion body recess (66),
characterized in that
- the at least one expansion body recess (66) is delimited by an expansion sleeve abutment wall (60), and
- the at least one expansion body recess (66) has nonaxisymmetric cross-section.

2. The expansion anchor according to claim 1,
characterized in that
the at least one expansion body recess (66) has, in cross-section, a first expansion body recess side wall (61) and a second expansion body recess side wall (62).

3. The expansion anchor according to claim 2,
characterized in that
the first expansion body recess side wall (61) is steeper than the second expansion body recess side wall (62).

4. The expansion anchor according to any of claims 2 or 3,
characterized in that
the second expansion body recess side wall (62) is convexly curved in cross-section.

5. The expansion anchor according to any of claims 2 to 4,
characterized in that
the expansion sleeve (30) has at least one slit (36), originating from the front end of the expansion sleeve (30),
wherein the at least one slit (36) is in a position overlapping the first expansion body recess side wall (61) or can at least be brought into this position by rotating the expansion sleeve (30) around the anchor bolt (10).

6. The expansion anchor according to claim 5,
characterized in that
it has a rotational lock for holding the at least one slit (36) in the position overlapping the first expansion body recess side wall (61).

7. The expansion anchor according to any of the preceding claims,
characterized in that
- the anchor bolt (10) has a neck (25) located adjacent to the expansion body (12),
- the neck (25) is provided with at least one neck recess (76), and
- the expansion sleeve (30) engages in the neck recess (76).

8. The expansion anchor according to claim 7,
characterized in that
the at least one neck recess (76) circumferentially overlaps the at least one expansion body recess (66).

9. The expansion anchor according to any of claims 7 or 8,
characterized in that
the at least one neck recess (76) has nonaxisymmetric cross-section.

10. The expansion anchor according to any of claims 7 to 9,
characterized in that
the at least one neck recess (76) has, in cross-section, a first neck recess side wall (71) and a second neck recess sidewall (72), and
the second neck recess side wall (72) is steeper than the first neck recess side wall (71).

11. The expansion anchor according to claim 10 and any of claims 2 to 6,
characterized in that
the first neck recess side wall (71) circumferentially overlaps the first expansion body recess side wall (61), and/or the second neck recess side wall (72) circumferentially overlaps the second expansion body recess side wall (62).

12. The expansion anchor according to any of claims 10 or 11,
characterized in that
the first neck recess side wall (71) is convexly curved in cross-section.

13. The expansion anchor according to any of claims 10 to 12, characterized in that the anchor bolt has a thread (18) defining a fastening direction, wherein the second neck recess side wall (72) faces in the fastening direction.

14. The expansion anchor according to any of the preceding claims, characterized in that the at least one expansion sleeve abutment wall (60) is for surmountably obstructing the expansion sleeve (30).

15. The expansion anchor according to any of the preceding claims, characterized in that the at least one expansion sleeve abutment wall (60) tapers towards the rear of the anchor bolt (10), wherein the maximum slope (α_{max}) of the at least one expansion sleeve abutment wall (60), measured with respect to the longitudinal axis (99) of the anchor bolt (10), is greater than 30° and/or smaller than 80°.

16. The expansion anchor according to any of the preceding claims, characterized in that the expansion body (12) has a plurality of expansion body recesses (66), each expansion body recess (66) being delimited by the expansion sleeve abutment wall (60), wherein the expansion sleeve abutment walls (60) are arranged abreast.

17. A method for using an expansion anchor according to any of the preceding claims, in which
- the expansion body (12) is moved rearwards relative to the expansion sleeve (30), wherein the expansion sleeve (30) hits the at least one expansion sleeve abutment wall (60).