

PRESTRESSED SLAB ELEMENTAbstract

The invention relates to a prestressed slab element
5 (10), in particular a concrete slab element, manufactured
according to the in-situ concrete method or prefabricated
in a concrete precasting plant which in top view of its
surface (11) comprises at least one hollow element region
(20) with hollow elements (21) contained therein and at
10 least one support region (30) for supporting or holding
the slab element (10) without hollow elements (21), as
well as stressing elements (40) for reinforcing the slab
element (10), which each are installed through the slab
element (10) and form a lattice-shaped structure (50),
15 wherein individual fields (51) of this structure (50) es-
tablish a support or hollow element region (20, 30), and
laterally adjoining fields (51) of the lattice-shaped
structure (50) form at least one longish support strip
(60) which joins individual support regions (30) with one
20 another and which is embodied in a reinforced manner,
characterized by stressing elements (40), which in a lat-
eral view of the slab element (10) are installed in the
slab element (10) wave-like and which support themselves
on at least one lattice system (90) of bars (91) with hol-
25 low elements (21) held therein whose respective height is
adapted to the wave shape.

(Figure 1)