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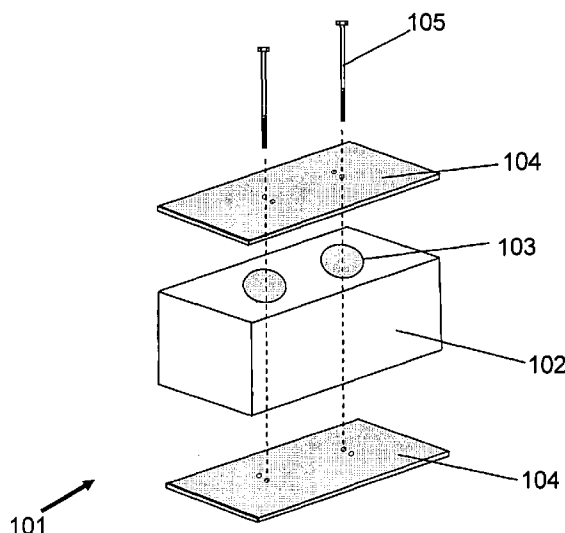
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(54) Title: SUPER UNITIZED POST TENSION BLOCK SYSTEM FOR HIGH STRENGTH MASONRY STRUCTURES - WITH SUPERSTRONGBLOCKS



(57) Abstract: An improved, high strength construction system that uses post tensioning. It is comprised of a series of interconnected, super heavy duty hollow core blocks (102) with minimal ducts (103), a series of tendons (105), and a plurality of anchors or plates (104) with additional features. The system (101) is configured with the plurality of adjacent blocks (102) contiguous and touching one another and demountably coupled to each other by means of the tendons (105) and anchors (103). The unique features include a strong, durable full plate (104) and bolt (105) both of which may be treated for corrosion resistance. This new coupling results in a structure that is far stronger than an ordinary block structure built with mortar and standard reinforcing. The system has more predictable and controlled strength which is stronger than most reinforced concrete systems.