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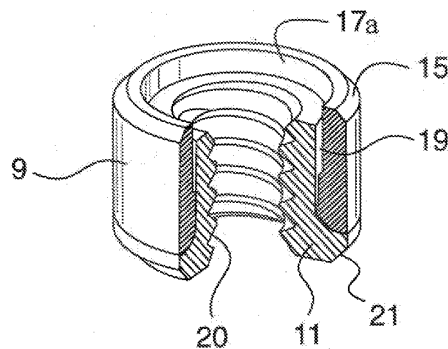
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(54) Title: INSERT FASTENER WITH A COMPRESSION SLEEVE

FIG. 2



(57) Abstract: A two-part fastener with an insert and a compression sleeve. The insert is an internally-threaded fastener intended to be installed into a hole of a very hard panel. The insert itself is relatively hard with a knurled outer barrel portion and a flange at the bottom. A compression sleeve is made of relatively soft material and is preassembled around the barrel of the insert by friction fit. Upon installation into a panel with a blind hole having parallel sides, the compression sleeve is pressed into the panel and deforms outwardly between the insert and the side wall of the hole. Friction between the compression sleeve and the wall of the hole prevents torque out and pull out of the fastener from the panel.



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