

Title (en)  
SELF-TAPPING FASTENER

Title (de)  
SELBSTBOHRENDER BEFESTIGER

Title (fr)  
ELEMENT DE FIXATION AUTOTAUDEUR

Publication  
**EP 1299651 A1 20030409 (DE)**

Application  
**EP 01962810 A 20010702**

Priority  
• DE 10033471 A 20000710  
• EP 0107526 W 20010702

Abstract (en)  
[origin: DE10033471C1] Self-boring screw made from stainless steel has a shaft made from two sections (7, 8) of stainless steel connected together. The first section (7) having a threaded section and a head (4) is formed from stainless, pure ferritic or austenitic steel or a stainless Duplex steel, and the second section (8) having a bore part (5) is formed from a martensitic stainless steel containing 0.04-0.3% carbon. Preferred Features: The second section is hardened or inductively hardened in a strip furnace.

IPC 1-7  
**F16B 25/10**

IPC 8 full level  
**F16B 25/00** (2006.01); **F16B 33/00** (2006.01)

CPC (source: EP US)  
**F16B 25/0094** (2013.01 - EP US); **F16B 33/008** (2013.01 - EP US); **Y10S 411/90** (2013.01 - EP US)

Citation (search report)  
See references of WO 0204822A1

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