

Title (en)  
BLIND NUT

Title (de)  
BLINDMUTTER

Title (fr)  
ECROU BORGNE

Publication  
**EP 1494829 A4 20050608 (EN)**

Application  
**EP 03733852 A 20030410**

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Abstract (en)  
[origin: WO03086694A2] A blind nut (1) is formed as a single-piece component of plastically deformable material such as metal. The blind nut (1) comprises a hollow internally threaded portion (2), a hollow tubular portion (3) extending continuously from the internally threaded portion (2), and a flange (5) provided at the end of the tubular portion (3) and formed with an opening in communication with the cavity of the tubular portion (3). The internally threaded portion (2) is fixed to a workpiece by inserting the tubular portion (2) into a mounting hole (13) of the workpiece and causing a buckling deformation in a portion of the tubular portion (2) to clamp the workpiece between the deformed portion (17) and the flange (5). The internally threaded portion (2) includes a thin-walled segment (7) having a certain axial length which extends from the end of the internally threaded portion (2) toward the tubular portion (3). The thin-walled segment (7) has an inner diameter greater than that of the remaining segment of the internally threaded portion (2), and an inner surface without any internal thread.

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• No further relevant documents disclosed  
• See references of WO 03086694A2

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