

Title (en)  
STABILIZER FOR DRILL STRINGS

Publication  
**EP 0254900 B1 19900425 (DE)**

Application  
**EP 87109543 A 19870702**

Priority  
• DE 3628265 A 19860820  
• US 88195186 A 19860703

Abstract (en)  
[origin: EP0254900A2] 1. A stabilizer for deep-well drilling tools, consisting of a basic body (1) with stabilizer fins or ribs (2) which are arranged helically over its circumference and which define mud flues (3) between them and have wear-resistant outer surfaces (4) which come into contact with the wall of the well and comprise a main region (5) and a marginal region adjacent to the mud flues (3), the main region (5) being described by an envelope (7) axially symmetrical to the longitudinal axis of the stabilizer, characterised in that the marginal region (6) of the stabilizer ribs facing in the direction (13) of the bottom of the well forms a transition region which is drawn inwards in relation to the envelope (7).

IPC 1-7  
**E21B 17/10; E21B 17/22**

IPC 8 full level  
**E21B 17/10** (2006.01); **E21B 17/22** (2006.01)

CPC (source: EP)  
**E21B 17/1078** (2013.01); **E21B 17/22** (2013.01)

Cited by  
FR2824104A1; FR2747427A1; FR2743843A1; FR2997439A1; US7571769B2; US6732821B2; WO2014067730A1; WO9727379A1

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