

Title (en)  
SEWN BALL AND MANUFACTURING METHOD THEREOF

Title (de)  
GENÄHTER BALL UND HERSTELLUNGSVERFAHREN DAFÜR

Title (fr)  
BALLE COUSUE ET SON PROCÉDÉ DE FABRICATION

Publication  
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Application  
**EP 16171436 A 20160525**

Priority  
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Abstract (en)  
A sewn ball includes an inner tube and a housing (4). The inner tube includes a tube body (1), a yarn layer (2) and a rubber layer (3), wherein the yarn layer is attached to an external surface of the tube body, the rubber layer is attached to an external surface of the yarn layer and is then vulcanized, in such a manner that a rubber raw material of the rubber layer permeates through yarn gaps of the yarn layer, so as to integrate the tube body, the yarn layer with the rubber layer. The housing (4) wraps around and is attached to the inner tube (1). The sewn ball provided by the present invention has excellent bouncing ability, high strength, good durability, small circumferential error, and excellent balance and flight stability.

IPC 8 full level  
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Citation (applicant)  
• CN 201020150442 U 20100406  
• CN 201320488758 U 20130812

Citation (search report)  
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• [Y] US 4333648 A 19820608 - AOYAMA MASAYOSHI  
• [Y] US 2012283056 A1 20121108 - BERGGREN SCOTT R [US], et al  
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• [A] WO 2008107914 A2 20080912 - PARADISE RUBBER IND [IN], et al  
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