

Title (en)  
WIRE SAW

Title (de)  
DRAHTSÄGE

Title (fr)  
SCIE À FIL

Publication  
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Application  
**EP 17792202 A 20171026**

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Abstract (en)  
[origin: WO2018078552A1] The invention relates to a wire saw (10), comprising: - a first wire guide roller (1) and a second wire guide roller (2) for supporting a cutting field (19) formed from cutting wire, - a frame (3) supporting the wire guide rollers (1, 2) and made of a first material, wherein the wire guide rollers (1, 2) are rotatably mounted to the frame (3) via bearings (4, 5), characterized in that the wire saw (10) comprises at least one common bearing block (6), in which a first bearing (4) supporting the first wire guide roller (1) and a second bearing (5) supporting the second wire guide roller (2) are accommodated, wherein the at least one common bearing block (6) is made of a second material and is mounted to the frame (3), wherein Young's modulus of the second material is higher, preferably at least 3 times higher, than Young's modulus of the first material.

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