

Title (en)  
SHOT PEENING DEVICE

Title (de)  
KUGELSTRAHLVORRICHTUNG

Title (fr)  
DISPOSITIF DE GRENAILLAGE

Publication  
**EP 3421176 A4 20191030 (EN)**

Application  
**EP 17756611 A 20170223**

Priority  
• JP 2016032138 A 20160223  
• JP 2017006931 W 20170223

Abstract (en)  
[origin: EP3421176A1] A shot peening device (50) includes a turntable (79) which rotates about a revolution axis (X1), holding mechanism (81, 82) which moves with the turntable (79), pressure mechanism (93) which compresses a coil spring (1), rotation mechanism (100) which rotates the coil spring (1), projection mechanism (57) which projects shots to the compressed coil spring (1), load cell (96, 97) which detects a load applied to the coil spring (1), and controller (98). A signal output from the load cell (96, 97) is input to the controller (98), and the controller (98) detects a chronological change of the load applied to the coil spring (1) during the shot peening.

IPC 8 full level  
**B24C 1/10** (2006.01); **B24C 3/24** (2006.01); **B24C 3/32** (2006.01); **B24C 9/00** (2006.01)

CPC (source: EP US)  
**B24C 1/10** (2013.01 - EP US); **B24C 3/24** (2013.01 - EP US); **B24C 3/32** (2013.01 - EP US); **B24C 9/00** (2013.01 - EP US)

Citation (search report)  
• [A] DE 4430542 A1 19960229 - KRUPP AG HOESCH KRUPP [DE]  
• See references of WO 2017146173A1

Cited by  
EP3744478A1

Designated contracting state (EPC)  
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)  
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