

Item	Name	Date	Inventors	Patent Number	Down load
1	Device for ultrasonic peening of metals	22-Oct-02	George I. Prokopenko	US 6467321 B2	Link
2	Ultrasonic peening treatment of assembled components	18-Apr-12	戴安娜·比格尔,	CN 101175606 B	Link
3	Ultrasonic peening gun suitable for high-temperature or vacuum environment and using method of ultrasonic peening gun	29-Jul-15	王东坡	CN 104801845 A	Link
4	Ultrasonic peening treatment of assembled components	9-Aug-11	Raymond Joseph Stonitsch	US 7992416 B2	Link
5	Method for ultrasonic peening of gas turbine engine components without engine disassembly	16-Apr-09	Billie W. Bunting	US 20090094829 A1	Link
6	Ultrasonic peening treatment of assembled components	4-Jan-07	Ray Stonitsch	WO 2006124616 A3	None
7	Method for ultrasonic peening of gas turbine engine components without engine disassembly	22-Dec-11	Stonitsch	US 20110308290 A1	Link
8	Angle beam probe ultrasonic peening device utilizing stepped ultrasonic peening pin	4-Sep-13	王东坡	CN 203174172 U	Link
9	Ultrasonic peening method and floating building	26-Dec-12	毛利雅志	CN 102844147 A	Link
10	Method for designing multi-pin peening head for ultrasonic peening gun	29-Jul-15	王东坡	CN 104802096 A	Link
11	Method and machine for the ultrasonic peening of parts on a wheel	8-Jan-02	Catherine Dominique Béatrice Duquenne	US 6336844 B1	Link
12	Method for the ultrasonic peening of large sized annular surfaces of thin parts	18-Sep-01	Catherine Dominique Béatrice Duquenne	US 6289705 B1	Link
13	Method and apparatus for ultrasonic peening of axial recesses for the attachment of blades to a rotor	14-Jan-03	Benoît Jean Henri Berthelet,	US 6505489 B2	Link
14	Shot, devices, and installations for ultrasonic peening, and parts treated thereby	2-Feb-06	Patrick Cheppe	US 20060021410 A1	Link
15	Shot, devices, and installations for ultrasonic peening, and parts treated thereby	19-Jan-10	Patrick Cheppe	US 7647801 B2	Link
16	Projectiles, devices and installations for ultrasonic peening of work pieces and work pieces thus treated	22-Mar-06	Patrick Cheppe	EP 1621288 A3	Link
17	Ultrasonic peening treatment of assembled components	17-Jul-13	Ray Stonitsch	EP 1893386 B1	Link
18	Pneumatic processing device using ultrasonic peening of lathe for treating irregular curved surfaces	21-Jan-03	Benoît Jean Henri Berthelet, 6 More » Original Assignee: Snecma Moteurs And Sne	US 6508093 B2	Link
19	Shot, devices, and installations for ultrasonic peening, and parts treated thereby	19-Jan-10	Patrick Cheppe	US 7647800 B2	Link
20	Process and machine for ultrasonic peening of parts on a wheel	18-May-01	Catherine Dominique Beatrice Duquenne	CA 2325898 A1	None
21	Ultrasonic shot peening mechanism used for improving stress corrosion resistance of weld joints of tank container	1-Jun-16	郑礼刚	CN 105624377 A	Link
22	Method of Peening Metal Heart Valve Stents	23-Jun-11	James A	US 20110146361 A1	Link
23	Method and apparatus for peening the inside of tubes and other hollow bodies	1-Feb-49	Thomas Robinson	US 2460657 A	Link
24	Sonotrode especially for accelerating shot for ultrasonic shot peening	28-Jun-11	Erwin Bayer,	US 7966885 B2	Link
25	Peening chamber for surface peening, in particular for ultrasonic shot peening of gas turbine components	9-Mar-10	Erwin Bayer, Philipp Thuemmler	US 7673486 B2	Link
26	Treatment method for improving fatigue life and long-life metal material treated by using same treatment	15-Jul-08	Tomonori Tominaga	US 7399371 B2	Link
27	Ultrasonic impact treatment for useful life improvement of downhole tools	10-Jul-14	Krutibas Panda, Michael D. Finke Applicant Halliburton Ener	WO 2014107170 A1	None
28	Apparatus for automated peening of tenons connecting turbine buckets and cover plates	19-Aug-03	Todd Joseph Fischer	US 6606892 B2	Link
29	Method of peening metal heart valve stents	21-Jul-11	James A. Davidson	WO 2011087582 A2	None
30	Method and apparatus for peening tops of cooled blades	10-Dec-02	Benoît Jean Henri Berthelet	US 6490899 B2	Link
31	Conformable tooling for localized shot peening	16-Apr-09	Billie W. Bunting	US 20090095043 A1	Link
32	Method of peening metal heart valve stents	31-Oct-12	James A. Davidson	EP 2515800 A2	None
33	Method of peening and portable peening gun	10-Feb-76	James A. Davidson	US 3937055 A	Link
34	Method of peening metal heart valve stents	21-Jul-11	James A. Davidson	CA 2785223 A1	None
35	Transverse ultrasound peening of blades on a rotor	4-Jan-05	Benoit Jean Henri Berthelet	US 6837085 B2	Link
36	Acoustic shot peening method and apparatus	24-Jun-08	Patrick Cheppe	US 7389663 B2	Link

37	ABAQUS-based finite element simulation method of correcting welding deformation through ultrasonic shot-peening	14-Aug-13	王东坡,	CN 103246772 A	Link
38	Oscillating system and tool for ultrasonic impact treatment	14-Feb-08	Efim Statnikov	US6932876	Link
39	Method of and apparatus for measuring intensity of peening in small diameter holes	3-Oct-72	Glenn D Smith	US 3695091 A	Link
40	Ultrasonic impact machining of body surfaces to correct defects and strengthen work surfaces	7-Oct-08	Efim Statnikov	US 7431779 B2	Link
41	Method and apparatus for ultrasonic peening of the blade root slots on a rotor	11-Jan-12	Benoît Jean Henri Berthelet,	EP 1207012 B1	Link
42	Method and apparatus for peening the internal surface of a non-ferromagnetic hollow part	14-Sep-99	Karl M. Prewo	US 5950470 A	Link
43	Ultrasonic impact methods for treatment of welded structures	18-Mar-08	18-Mar-08	US 7344609 B2	Link
44	Process and device for ultrasonic peening	1-Dec-10	Patrick Cheppe	EP 2255926 A1	Link
45	Method for reshaping a turbomachine blade that has at least one zone that has become deformed using peening	13-Dec-16	Gerard Derrien	US 9517537 B2	Link
46	Ultrasonic tool horn	13-Oct-98	Masaya Ito	US 5820011 A	Link
47	Method for peening the internal surface of a hollow part	9-Jan-01	William A. Veronesi	US 6170308 B1	Link
48	Method and apparatus for self-indexing portable automated tenon peening	24-Jun-08	Dennis William Roberts	US 7389662 B2	Link
49	Processes and apparatus for surface modification	6-Oct-15	Donncha Haverty	US 9149911 B2	Link
50	Method for manufacturing bearing material	15-Aug-13	Young-Sik PYUN	WO 2013119044 A1	Link
51	Method for producing metallic components, particularly for turbo machines, having small edge radii, and component produced therewith	19-Feb-09	Thomas Dautl	US 20090044406 A1	Link
52	Ultrasonic machining method	4-Feb-92	Akio Nikano	US 5085747 A	Link
53	Ultrasonic treatment device	29-Jul-10	Esa Rouvinen	WO 2010084234 A1	None