

European Inventor Award 2012 - Stanford Ovshinsky (United States) - B-Roll

Type: [Shots](#) Référence: [I073664](#) Durée: [08:49](#) Lieu: [United States](#)

Portrait of Stanford Ovshinsky, nominee for the European Inventor Award 2012.



HEURE	DESCRIPTION	DUREE
00:00:00	European Inventor Award 2012 Details	00:00:04
00:00:04	Institute for Amorphous Studies, Bloomfield Hills, Entrance	00:00:04
00:00:08	Institute for Amorphous Studies, Bloomfield Hills, Mr. Ovshinsky watching out the window	00:00:03
00:00:11	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky in his office	00:00:15
00:00:26	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky's office, periodic table	00:00:05
00:00:31	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky in front of periodic table	00:00:03
00:00:34	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky	00:00:04
00:00:38	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky explaining periodic table	00:00:04
00:00:42	Institute for Amorphous Studies, Bloomfield Hills, unit cell models showing Ovshinsky concepts of disorder as applied to multi-element hydrogen storage materials used in NiMH	00:00:03

00:00:45	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky's office, unitcell models showing Ovshinsky concepts of disorder as applied to multielementhydrogen storage materials used in NiMH batteries	00:00:03
00:00:48	Institute for Amorphous Studies, Bloomfield Hills, Large format NiMHprismatic battery	00:00:04
00:00:52	Institute for Amorphous Studies, Bloomfield Hills, Large format Nickel -Metal Hydride (NiMH) battery module for use in electric vehicles and smartgrid energy storage, unit cell models	00:00:05
00:00:57	Institute for Amorphous Studies, Bloomfield Hills, Large format 90 Ah, 1.2 VNiMH prismatic battery showing internal current collection for high poweroperation in electric vehicles	00:00:04
00:01:01	Institute for Amorphous Studies, Bloomfield Hills, Ovonic Hydride Battery	00:00:05
00:01:06	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky's office	00:00:11
00:01:17	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky's Office, pictureof Mr. Ovshinsky	00:00:06
00:01:23	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky's Office	00:00:06
00:01:29	Institute for Amorphous Studies, Bloomfield Hills	00:00:03

00:01:32	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky's Office	00:00:06
00:01:38	Ovonic (Ovonic Battery Company was founded 1982 by StanfordOvshinsky. In 2012 it was acquired by BASF Corporation), employee	00:00:04
00:01:42	Ovonic, Ovshinsky, Battery display showing examples of materials andcommercial consumer product from over 35 Ovonic NiMH licensees	00:00:18
00:02:00	Ovonic, recharchable batteries	00:00:03
00:02:03	Ovonic, manufacture, Anode and cathodes for use in spiral wound highpower NiMH battery	00:00:04
00:02:07	Ovonic, manufacture, assembly of prototype cylindrical high power NiMHbattery	00:00:04
00:02:11	Ovonic, manufacture, manual assembly process of prototype NiMHbatteries showing the spiral wound configuration	00:00:10
00:02:21	Ovonic, manufacture, end view of prototype NiMH battery prior to electrolyteaddition and sealing	00:00:03
00:02:24	Ovonic, manufacture, internal construction of consumer style NiMH C cellshowing anode, cathode and separator in a spiral wound configuration	00:00:05

00:02:29	Ovonic, manufacture, internal construction of consumer style NiMH C cell	00:00:06
00:02:35	Ovonic, manufacture, welding operation for anode current collection in prototype high power NiMH battery	00:00:04
00:02:39	Ovonic, Inventor Stanford R. Ovshinsky (left) reviewing advanced concept NiMH battery designs with Michael Fetcenko, Managing Director of BASF Battery Materials - Ovonic (Ovonic Battery Company was founded by Mr. Ovshinsky in 1982 for the commercialization of NiMH batteries)	00:00:05
00:02:44	Ovonic, Interior view of high power prototype cylindrical NiMH battery for use in hybrid vehicles	00:00:04
00:02:48	Ovonic, Ovshinsky, Fetcenko, manufacture	00:00:04
00:02:52	Ovonic, manufacture, Ovshinsky reviewing advanced concept NiMH battery designs with Fetcenko	00:00:06
00:02:58	Ovonic, Ovshinsky, Ovonic BASF employees (old employees of Ovshinsky)	00:00:04
00:03:02	Ovonic, Ovshinsky, Ovonic BASF employees	00:00:15
00:03:17	Ovonic, Ovshinsky	00:00:03
00:03:20	Ovonic, Ovshinsky, Ovonic BASF employee	00:00:13

00:03:33	Institute for Amorphous Studies, Bloomfield Hills, Ovshinsky	00:00:20
00:03:53	Interview (english)	00:04:56

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