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I want a \$510,000 v Mortgage for Under \$1,498 v /Month!	NEWSTRACK - SCIENCE           Published: May 8, 2007 at 2:56 PM         E-mail Story   Print Preview   L           Mechanoluminescence study yields new data         CHAMPAIGN, III., May 8 (UPI) U.S. scientists studying mechanoluminescence ha discovered extensive atomic and molecular spectral emissions not previously seen such an event.	Ave Refinery Emission Increase Up Time & reduce emissions Free flare
Think You Pay Too Much for Your Mortgage? Find Out! Calculate New Bayment	Mechanoluminescence is light generated when a crystal, such as sugar or quartz, is fractured by grinding, cleaving or other mechanical means. Scientists believe mechanoluminescence occurs as a result of the generation of opp charges along the fracture plane of an asymmetrical or impure crystal. When the charges must be surrounding gas is ionized and emits light.	posite Named a top 100 inpovation of 2006 by Popular
	In a previous study, <u>University of Illinois</u> chemistry Professor Kenneth Suslick and graduate student Nathan Eddingsaas reported a new technique, the sonication of co slurries, produced a much more intense mechanoluminescence than grinding.	has y cooge
Click Your State Alabama V Click Your Rate (3.00% - 3.99% V	Sonication involves the use of sound energy to agitate particles or other substances. The new study involved the sonication of a slurry of recorcinol (sugar) crystals in the liquid paraffin, dodecane. When nitrogen or oxygen was bubbled through the sonica slurry, the resulting emission spectrum was a thousand times more intense than produced by grinding.	<ul> <li>Three dead in Ukrainian mine accident</li> <li>U.N. court reduces Bosnian Serb sentence</li> </ul>
Click Credit Type Good	The researchers also saw emission lines not previously reported in a mechanoluminescence event. The research is detailed online this month in the Journal of the American Chemical Society.	<ul> <li>Books day fun for Saifi Village kids</li> <li>Hilton wants pardon from governor</li> <li>MLB: Pittsburgh 4, Chi. Cubs 3 (15)</li> <li>NBA: Phoenix 101, San Antonio 81</li> <li>Dad pulls off Spiderman rescue</li> <li>Watercooler Stories</li> </ul>
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