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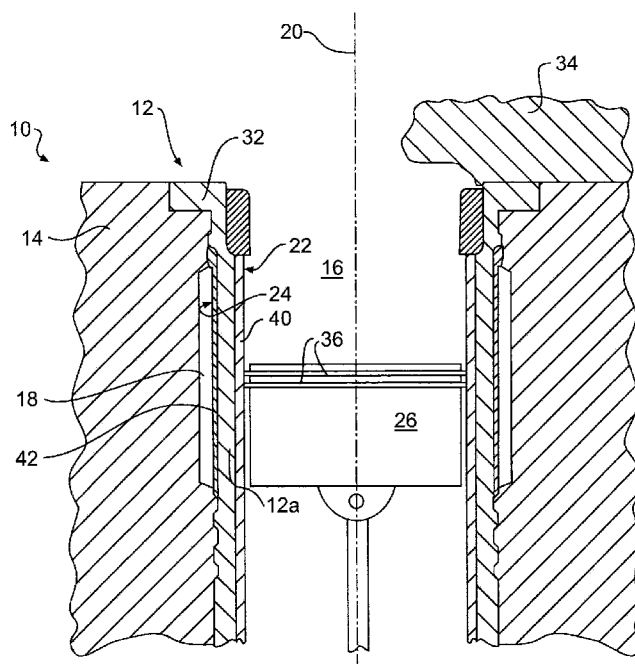
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(54) Title: MACHINE COMPONENT WITH A CAVITATION RESISTANT COVERING

**FIG. 1**

(57) Abstract: A machine component (12) includes a body made of cast iron. The body may include a surface (24) configured to be subject to cavitation-induced erosion. The component may also include a hardened covering (42) on the surface of the body. The covering may have a crystal structure including martensite and between about 5% to about 40% austenite.



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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER

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ADD.

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EP0-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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International application No
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International application No

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