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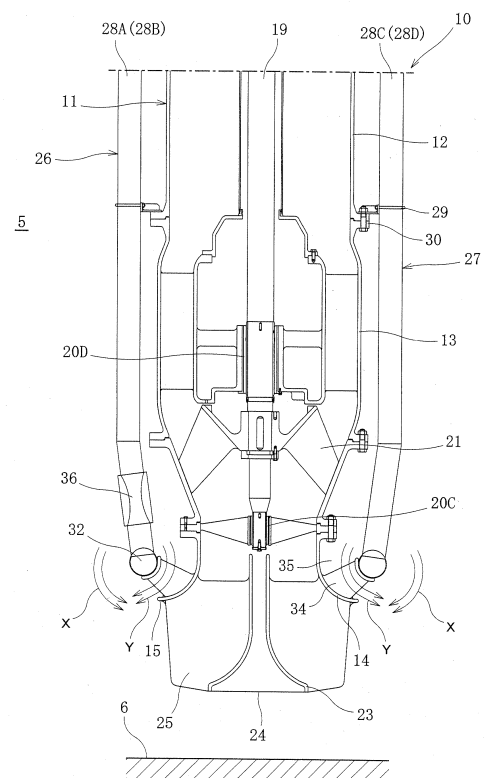
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**(54) VIBRATION DAMPING DEVICE FOR PUMP**

(57) A vibration damping device 26 for a pump 1 includes a liquid flow path 27 which is disposed at an outer peripheral portion of a casing 11 positioned in a suction sump 5 and which accommodates liquid inside itself so that the liquid can flow. The liquid flow path 27 is provided with a liquid flow resistor 36 for suppressing flowing of the liquid in the liquid flow path 27. Flow resistance in combination with an effect of a liquid column dynamic vibration absorber absorbs earthquake vibration energy to thereby suppress vibrations.

Fig. 2





## EUROPEAN SEARCH REPORT

Application Number  
EP 15 16 1477

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 11 December 2015	Examiner Di Giorgio, F
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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