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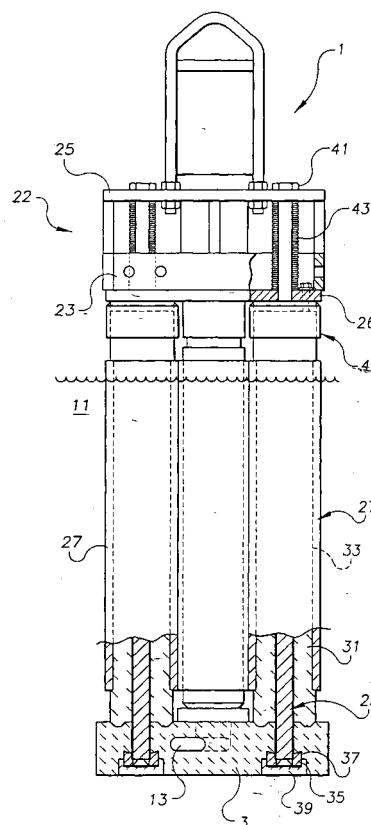
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(54) **Shaft and post assemblies for molten metal pumping apparatus**

(57) A molten metal pump post comprising an elongated rod (29), a sheath (31) receiving the elongated rod such that a first end and a second end of the rod extends from the sheath, a coupling unit (41) at least partially surrounding a first portion of the sheath member proximal the first end of the rod, and a biasing member (43) at least partially surrounding a portion of the rod adjacent the first end of the rod.

FIG. 1





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EUROPEAN SEARCH REPORT

Application Number
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			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
			F04B C22B F04C B22D F04D
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Place of search Berlin		Date of completion of the search 28 September 2005	Examiner Cordero Alvarez, M
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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