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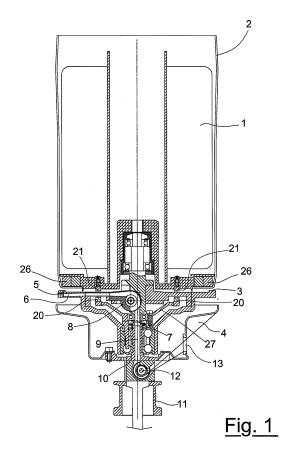
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- (54) Four-for-one twisting spindle for twisting machines or similar
- The invention relates to a four-for-one twisting spindle for twisting machines of textile yarns, comprising a cylindrical basket (2), inside which a feeding bobbin (1) is supported, an upper rotating part (3) and a lower rotating part (4) which rotate in opposite directions to each other and define a first passage (6) and a second passage (9) of the yarn, respectively, along the run of the yarn, one of said upper rotating part (3) or said lower rotating part (4) being operated by external means for the transmission of the motion and transmitting the motion to the other rotating part through an epicycloidal transmission mechanism, wherein the planetary elements (16, 34) are arranged so as to form two crowns and transmit forces which are exerted between the components of said epicycloidal transmission device, along oblique force lines allowing the weight of the spindle to be transmitted from said upper rotating part (3) to said lower rotating part (4).



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EUROPEAN SEARCH REPORT

Application Number EP 06 11 3656

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Category	Citation of document with ind of relevant passag		Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)	
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05-03-2008

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