

EUROPEAN PATENT APPLICATION

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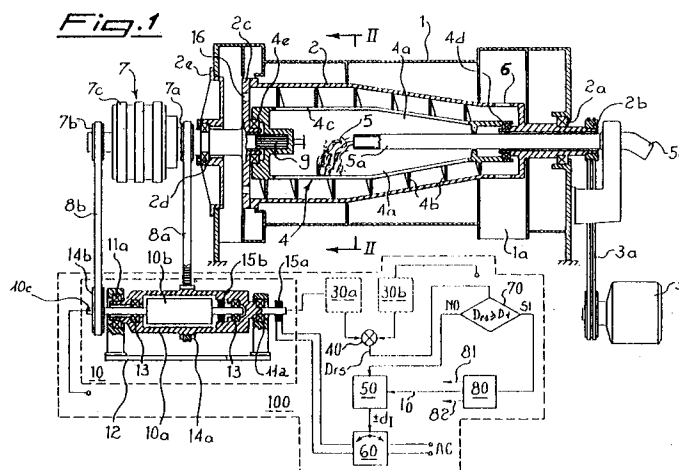
88 Date of deferred publication of the search report:
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(54) Device for controlling and regulating the relative speed between rotary components interacting with one another respectively connected to the rotor and stator of an electric motor.

57) A device for controlling and regulating the relative speed between the scroll (4) and drum (2) of a centrifugal extractor, comprising a dc or ac electric motor (10), stator (10a) of which is made integral with drum (2) and rotor (10b) of which is made integral with a gear (7) which drives scroll (4) via appropriate means (7a, 8a, 14a; 7b, 8b, 14b) of connection, there being furthermore provided means (30a, 30b) for detecting the speeds of rotation of

such rotor (10b) and stator (10a) and for converting them into a representative electric signal, and means (40, 50) for comparing such electric signals designed to emit a signal (D_{rs}) capable of operating means (60; 1060) for supplying to rotor (10b) a current capable of compensating for any deviations of the parameters of the extractor from the programmed operating conditions.





European Patent
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EUROPEAN SEARCH REPORT

Application Number
EP 93 20 2354

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
A	DE-A-41 07 485 (MASCH.FABR. SANGERHAUSEN) * abstract; claim 1; figure 1 * ---	1	B04B1/20
A	GB-A-2 016 306 (WESTFALIA SEPERATOR) * abstract; figures * -----	1	
			TECHNICAL FIELDS SEARCHED (Int.Cl.6)
			B04B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 7 April 1995	Examiner Leitner, J
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			