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EUROPEAN PATENT APPLICATION

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report: **08.05.85 Bulletin 85/19**

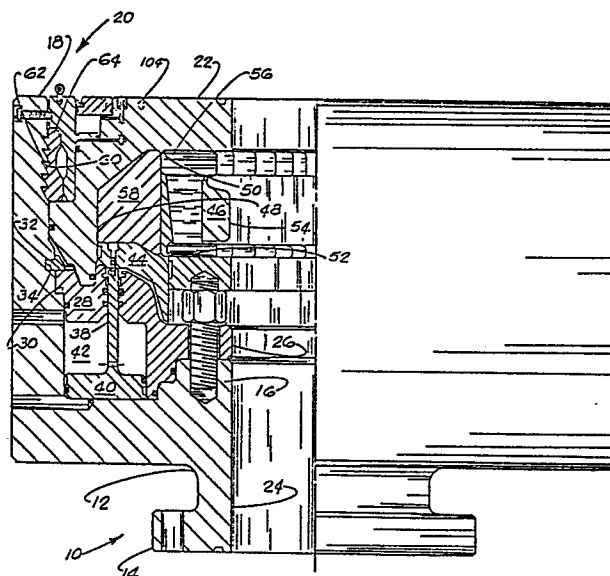
⑦① Applicant: **CAMERON IRON WORKS, INC.,**
13013 Northwest Freeway Northwest Crossing, Houston,
TX 77040 (US)

⑦② Inventor: **Taylor, William M., 8705 Burkhart, Houston**
Texas 77055 (US)

⑦④ Representative: **Reverdin, André Pierre, c/o KATZAROV**
S.A. 143, rue de Lausanne, CH-1202 Genève (CH)

⑤④ **Annular blowout preventer.**

⑤⑦ An annular blowout preventer having a body (12) with a central bore (24) therethrough, an upper plate ring (22), means (20) for securing the upper plate ring to said body to form an annular packer recess (48) therebelow surrounding and opening onto the central bore, an annular packer (46) in said annular packer recess and means (40) for moving said annular packer between open and closed positions, the securing means including interengaging means (60, 62) for engaging said body and means for moving said interengaging means between locked and unlocked positions manually or responsive to fluid pressure.





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. ³)
Y,D	US-A-3 741 295 (MURMAN) *Column 5, line 60 - column 6, line 22 *	1-3, 5-9	E 21 B 33/06

Y	US-A-3 325 190 (ECKERT) * Column 5, line 70 - column 6, line 5; column 6, lines 63-71 *	1-3, 5-9	

A	US-A-3 492 027 (HERRING) * Column 4, line 57 - column 5, line 36 *	1-3, 5-9	

A	US-A-3 523 579 (NELSON) * Figures 2,3; column 5, lines 42-52; column 7, lines 64-72 *	1-3, 5-9	TECHNICAL FIELDS SEARCHED (Int. Cl. ³)
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A,D	US-A-4 310 139 (WILLIAMS) * Column 2, lines 27-30 *	1,2,9	

A	US-A-3 897 071 (LE ROUAX) * Column 7, lines 33-62 *	1,2,9	

The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 21-01-1985	Examiner SOGNO, M.G.
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	