

Title (en)  
HYDRAULIC DRIVE

Publication  
**EP 0451724 A3 19920923 (DE)**

Application  
**EP 91105423 A 19910405**

Priority  
DE 4011445 A 19900409

Abstract (en)  
[origin: EP0451724A2] A hydraulic drive for electric high-voltage circuit breakers has an accumulator spring, the spring housing of which is designed as a cup-shaped component and stresses an accumulator piston arranged therein. The pressure fluid is supplied to working pistons designed as differential pistons and associated with the individual breaker poles. In order to obtain a compact drive unit with a high precision of identical motional sequences for the individual breaker poles, the use of a central accumulator unit and the integration of the pressure cylinder into the wall of the cup-shaped component are envisaged, the individual driving cylinders being mounted on the cup base at the same distance from the central pressure cylinder. <IMAGE>

IPC 1-7  
**H01H 33/34**; **H01H 33/02**

IPC 8 full level  
**H01H 33/02** (2006.01); **H01H 33/34** (2006.01)

CPC (source: EP)  
**H01H 33/022** (2013.01); **H01H 33/34** (2013.01); **H01H 2033/024** (2013.01)

Citation (search report)  
• [A] DE 1199368 B 19650826 - WESTINGHOUSE ELECTRIC CORP  
• [AD] EP 0240884 A2 19871014 - BBC BROWN BOVERI & CIE [CH]

Cited by  
EP0829892A1; DE4340142A1; DE102008035871B4; KR20110042064A; US8410386B2; WO2010012349A1; TWI559010B

Designated contracting state (EPC)  
CH DE FR IT LI NL

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**EP 0451724 A2 19911016**; **EP 0451724 A3 19920923**; **EP 0451724 B1 19950208**; DE 4011445 A1 19911010; DE 4011445 C2 19930225; DE 59104524 D1 19950323

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