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(54) **Circuit device having circuit breaking and leakage current detecting functions.**

(57) A circuit device including a leakage alarm function by incorporating in the breaker case (2) a zero-phase current transformer (7) for detecting a leakage current and a leakage relay (22) for issuing leakage alarm at reception of detection signal from said zero-

phase current transformer which is mounted at a remote location from main parts of the circuit breaker of the casing. Provision is also made for a particularly advantageous arrangement of indicators (28) and switch actuating mechanism.

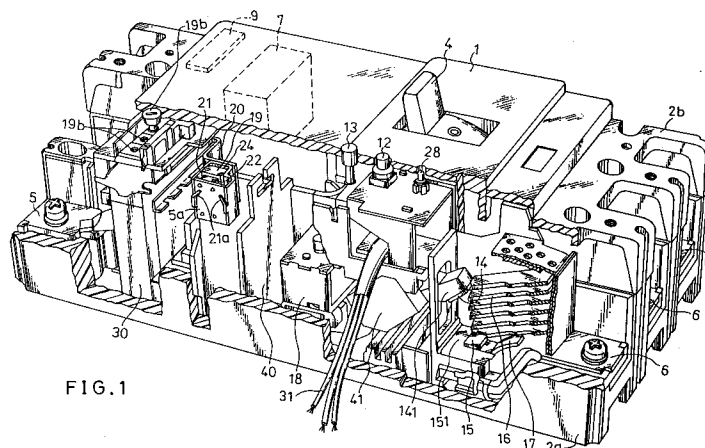


FIG. 1

EP 0 386 768 A3



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EUROPEAN SEARCH REPORT

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EP 90 10 4459

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.5) |
|--|--|---|--|
| X | DE-B-1 563 831 (STOTZ-KONTAKT-GMBH) * the whole document ** | 1 | H 01 H 83/20 H 01 H 71/04 |
| A | — — — | 1 | |
| X | DE-B-1 538 334 (BROWN,BOVERI & CIE AG) * column 5, line 58 - column 8, line 17; figures 1,2,8-11 ** | 1 | |
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| A | US-A-3 984 736 (T.F. RAI) * the whole document ** | 1 | |
| A | GB-A-2 162 002 (T.-J. HSIEH) * page 1, line 29 - line 42 * * page 1, line 94 - line 108; figure 3 ** | | |
| A | EP-A-0 275 750 (MERLIN GERIN) — — — — — | | |
| The present search report has been drawn up for all claims | | | TECHNICAL FIELDS SEARCHED (Int. Cl.5) |
| | | | H 01 H H 02 H |
| Place of search | | Date of completion of search | Examiner |
| Berlin | | 17 February 92 | RUPPERT W |
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