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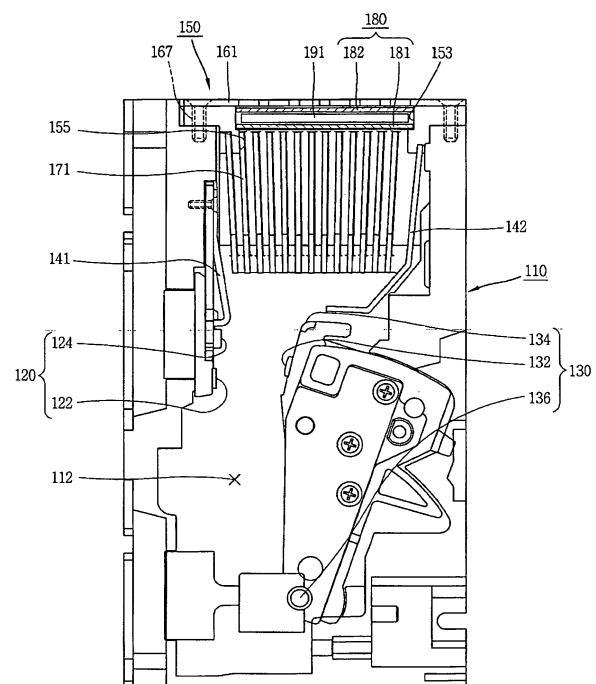
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(54) **Air circuit breaker with ARC extinguishing apparatus**

(57) An air circuit breaker with an arc extinguishing apparatus comprising: a frame having a receiving space (112) therein; a fixed contact (120) disposed inside the frame; a movable contact (130) disposed to be in contact with or separated from the fixed contact; and an extinguishing apparatus (150) which includes a chamber member disposed in the frame and having an outlet (153) formed at one side thereof, a plurality of grids (171) disposed in the chamber member to be spaced apart from one another, and a cloth filter member (180) formed of fabric and disposed between the outlet and the grids to prevent fragments which are generated by arcs from being scattered, whereby the air circuit breaker can be fabricated with low cost, and also fragments generated due to arcs can be prevented from being excessively scattered to the exterior.

FIG. 2





EUROPEAN SEARCH REPORT

Application Number
EP 07 02 4416

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| | | | TECHNICAL FIELDS SEARCHED (IPC) |
| | | | H01H |
| The present search report has been drawn up for all claims | | | |
| Place of search Munich | | Date of completion of the search 8 April 2009 | Examiner Simonini, Stefano |
| <p>CATEGORY OF CITED DOCUMENTS</p> <p>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</p> <p>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</p> | | | |

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
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