

**INFORME DE BÚSQUEDA DE PATENTES PARA EL No de Radicación: 14-196689**

**CRITERIOS PARA LA BÚSQUEDA (anexar pantallazo o reporte en PDF, junto con los booleanos utilizados)**

|                                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|--------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Palabras clave utilizadas</b>                                   | <p>1 ecuación: [SP]: [SP]: Azeotrope like compositions are disclosed. The azeotrope like compositions are mixtures of Z1,1,1,4,4,4hexafluoro2butene and E1,1,1,4,4,4hexafluoro2butene. Also disclosed is a process of preparing a thermoplastic or thermoset foam by using such azeotrope like compositions as blowing agents. Also disclosed is a process of producing refrigeration by using such azeotrope like compositions. Also disclosed is a process of using such azeotrope like compositions as solvents. Also disclosed is a process of producing an aerosol product by using such azeotrope like compositions. Also disclosed is a process of using such azeotrope like compositions as heat transfer media. Also disclosed is a process of extinguishing or suppressing a fire by using such azeotrope like compositions. Also disclosed is a process of using such azeotrope like compositions as dielectrics. Also disclosed is a foam forming composition containing such azeotrope like composition and an active hydrogen containing compound having two or more active hydrogens.</p> <p>2 ecuación:: EC=(A62D1/00 and A62D1/02 and C08J9/14 and C09K3/30 and C09K5/04)</p> <p>3 ecuación: : EC=(A62D1/00 or A62D1/02 or C08J9/14 or C09K3/30 or C09K5/04)</p> <p>4 ecuación:: TAC=(1 and 3)</p> |
| <b>CLASIFICACIONES INTERNACIONALES UTILIZADAS PARA LA BÚSQUEDA</b> | A62D1/00; A62D1/02; C08J9/14; C09K3/30; C09K5/04                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |

**BASES DE DATOS CONSULTADAS.**

|                      |   |              |  |          |  |                  |   |
|----------------------|---|--------------|--|----------|--|------------------|---|
| EPOLINE              | X | COLOMBIANA   |  | japonesa |  | Patbase          | X |
| ESPAENET             | X | SINGAPUR     |  | scirus   |  | chempider        |   |
| uspto                | X | depatinet    |  | surechem |  | Bindingdata base |   |
| Universidad Nacional |   | Patent scope |  |          |  |                  |   |

**INFORMES DE EXÁMENES REALIZADOS EN OTRAS OFICINAS (documentos patentes, literatura no patente etc... )**

| Oficina | Fecha del examen o de reporte de búsqueda de documentos | Anterioridades encontradas para el examen o reportados en el examen de búsqueda(relacionarlos todos) | Reiv. afectadas | RELEVANCIA (requisito que afecta) | FUERON TENIDOS EN CUENTA PARA EL EXAMEN EN LA OFICINA COLOMBIANA |    |
|---------|---------------------------------------------------------|------------------------------------------------------------------------------------------------------|-----------------|-----------------------------------|------------------------------------------------------------------|----|
|         |                                                         |                                                                                                      |                 |                                   | SI                                                               | NO |
| USPTO   | 8/10/2015                                               | WO2010141669                                                                                         | 1-5             | Nivel Inventivo                   | X                                                                |    |
| EPOLINE | 19/08/2014                                              |                                                                                                      |                 |                                   |                                                                  |    |
| EPOLINE | 19/08/2014                                              | WO2009014966                                                                                         | 1-5             | Nivel Inventivo                   | X                                                                |    |
|         |                                                         |                                                                                                      |                 |                                   |                                                                  |    |
|         |                                                         |                                                                                                      |                 |                                   |                                                                  |    |

**DOCUMENTOS ADICIONALES ENCONTRADOS POR EL EXAMINADOR DE ACUERDO A LOS CRITERIOS DE BÚSQUEDA.**

Ecuación 4: US2010163776A / US2010243943A / US2010326095A / WO09155490A1

|                                       |                 |
|---------------------------------------|-----------------|
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| <b>Fecha del reporte de búsqueda:</b> | 19/Febrero/2016 |



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| 1 | [SP] Azeotrope-like compositions are disclosed. The azeotrope-like compositions are mixtures of Z-1, 1, 1, 4, 4-hexafluoro-2-butene and E-1, 1, 1, 4, 4-hexafluoro-2-butene. Also disclosed is a process of preparing a thermoplastic or thermoset foam by using such azeotrope-like compositions as blowing agents. Also disclosed is a process of producing refrigeration by using such azeotrope-like compositions. Also disclosed is a process of using such azeotrope-like compositions as solvents. ... show full search | 16      | <a href="#">View</a>   <a href="#">Browse</a>   <a href="#">Hits</a>   <a href="#">Optimise</a>   <a href="#">more...</a> |

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