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EUROPEAN SEARCH REPORT

Application Number
EP 01 61 0086

| 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.7) |
| A | DE 36 35 808 A (SCHYDLO MARTIN) 5 May 1988 (1988-05-05) * column 4, line 66 - column 5, line 7 * * claim 12 * * figure 1 * | 1-4 | F21V31/00 F21V31/02 |
| A | EP 0 460 269 A (WADE CHARLES EDWIN) 11 December 1991 (1991-12-11) * column 4, line 6 - line 10 * * column 4, line 41 - line 47 * * figures 2,6 * | 1,2,4,5 | |
| A | US 1 377 480 A (HENSCHER CHARLES J) 10 May 1921 (1921-05-10) * page 1, line 54 - line 94 * * figure 1 * | 1 | |
| A | US 3 962 675 A (EHRET GORDON F ET AL) 8 June 1976 (1976-06-08) * column 2, line 11 - line 35 * * column 3, line 4 - line 20 * * figures 2-4 * | 1-5 | |
| A | US 2 261 695 A (HANS SEIDEL ET AL) 4 November 1941 (1941-11-04) * page 1, line 33 - line 54 * * figures 1,5 * | 1,2,4,5 | |
| A | US 4 574 337 A (POPPENHEIMER CHARLES B) 4 March 1986 (1986-03-04) * column 2, line 28 - line 37 * * column 3, line 20 - line 21 * * figures 2,4,5 * | 1,2,4,5 | |
| A | US 5 743 622 A (IBBITSON IAN R ET AL) 28 April 1998 (1998-04-28) * column 3, line 1 - line 10 * * figures 1,4,8 * | 1,4,5 | |
| The present search report has been drawn up for all claims | | | |
| Place of search | | Date of completion of the search | Examiner |
| THE HAGUE | | 19 April 2004 | Lange, C |
| <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> | | | |

EPO FORM 1503 03/82 (P04C01)

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report. The members are as contained in the European Patent Office EDP file on
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19-04-2004

| Patent document cited in search report | | Publication date | Patent family member(s) | | Publication date |
|---|---|---------------------|----------------------------|------------|---------------------|
| DE 3635808 | A | 05-05-1988 | DE | 3635808 A1 | 05-05-1988 |
| EP 0460269 | A | 11-12-1991 | US | 5050052 A | 17-09-1991 |
| | | | EP | 0460269 A1 | 11-12-1991 |
| US 1377480 | A | 10-05-1921 | NONE | | |
| US 3962675 | A | 08-06-1976 | CA | 1059482 A1 | 31-07-1979 |
| US 2261695 | A | 04-11-1941 | NONE | | |
| US 4574337 | A | 04-03-1986 | NONE | | |
| US 5743622 | A | 28-04-1998 | NONE | | |

EPO FORM P0459

For more details about this annex : see Official Journal of the European Patent Office, No. 12/82