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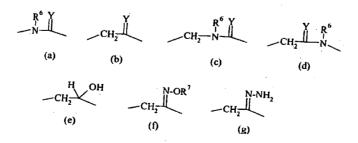
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[Continued on next page]

#### (54) Title: FUSED THIOPHENE DERIVATIVES AS MEK INHIBITORS

$$\begin{array}{c|c}
R^1 \times S & H \\
R^2 \times R^4 & R^{44}
\end{array}$$
(I)  $R^5$ 



(57) Abstract: Compounds of formula (I), or a pharmaceutically acceptable salts or solvates thereof: wherein -X- represents a group of formula (a), (b), (c), (d), (e), (f) or (g): Being selective inhibitors of human MEK (MAPKK) enzymes, are accordingly of benefit in medicine, for example in the treatment of inflammatory, autoimmune, cardiovascular, proliferative (including oncological) and nociceptive

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According to International Patent Classification (IPC) or to both national classification and IPC											
B. FIELDS SEARCHED											
Minimum de CO7D	ocumentation searched (classification system followed by classifica	ation symbols)									
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched											
Electronic d	data base consulted during the international search (name of data b	pase and, where practical, search term	is used)								
EPO-Internal, WPI Data, CHEM ABS Data, BEILSTEIN Data											
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"A" docume conside	ent defining the general state of the art which is not lered to be of particular relevance	or priority date and not in conflic cited to understand the principle									
	document but published on or after the international	invention "X" document of particular relevance	; the claimed invention								
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citation	the claimed invention an inventive step when the										
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