

## Title (en)

TETRAHYDROFURANE DERIVATIVES, PROCESSES FOR THEIR PREPARATION AND THEIR USE AS HERBICIDES

## Publication

**EP 0000002 B1 19810826 (DE)**

## Application

**EP 78100007 A 19780601**

## Priority

DE 2724675 A 19770601

## Abstract (en)

[origin: EP0000002A1] 1. Tetrahydrofurane derivatives of the formula I see diagramm : EP0000002,P22,F6 in which R\*\*1 to R\*\*6 are identical or different and represent hydrogen, straight-chain or branched C1-6 alkyl, C1-2 halogenalkyl with up to three identical or different halogen atoms, alkoxyalkyl with 1 or 2 C atoms in each alkyl part, as well as phenyl or benzyloxyalkyl with 1 or 2 C atoms in the alkyl part each optionally substituted by halogen, C1-2 alkyl, C1-2 alkoxy or C1-2 halogenoalkyl with up to three identical or different halogen atoms, R\*\*5 and R\*\*6 together also represent a saturated carboxylic ring with altogether 3 to 6 C atoms, R\*\*7 represents hydrogen, straight-chain or branched C1-6 alkyl, C3-6 cycloalkyl, C2-4 alkenyl, C2-4 alkynyl, alkoxyalkyl with 1 to 2 C atoms in each alkyl part, as well as phenyl or benzyloxyalkyl with 1 or 2 C atoms in the alkyl part each substituted by halogen, C1-2 alkyl, C1-2 alkoxy, or C1-2 halogenoalkyl with up to three identical or different halogen atoms, R\*\*8 and R\*\*9 are identical or different and represent hydrogen, straight-chain or branched C1-6 alkyl, C2-4 alkenyl, C2-4 alkynyl, C3-6 cycloalkyl, C1-4 alkoxy, as well as phenyl, benzyl or benzyloxy each optionally substituted by halogen, C1-2 alkyl, C1-2 alkoxy or C1-2 halogenoalkyl with up to three identical or different halogen atoms, R\*\*10 represents hydrogen, straight-chain or branched C1-6 alkyl, C2-4 alkenyl, C2-4 alkynyl, C1-2 halogenoalkyl with up to three identical or different halogen atoms, as well as phenyl optionally substituted by halogen, C1-2 alkyl, C1-2 alkoxy or C1-2 halogenoalkyl with up to three identical or different halogen atoms and Y represents optionally substituted aryl with 6 to 10 C atoms, which can carry one or more identical or different substituents from the following : the halogens fluorine, chlorine or bromine ; alkyl and alkoxy with in each case 1 to 4 C atoms ; halogenoalkyl, halogenoalkoxy and halogenoalkylthio with in each case up to 4 C atoms and up to 5 halogen atoms ; phenyl, phenoxy or phenoxycarbonyl optionally substituted by halogen, alkyl and alkoxy with in each case 1 to 2 C atoms as well as halogenalkyl with up to 1 C atoms and up to 3 identical or different halogen atoms as well as halogenoalkyl with up to 1 C atoms and up to 3 identical or different halogen atoms the tri-, tetra- or penta-methylene radical ; with the proviso that if Y represents phenyl this must be substituted if R\*\*1 to R\*\*10 denote hydrogen.

## IPC 1-7

**C07D 307/12**; **C07D 407/12**; **C07D 307/42**

## IPC 8 full level

**A01N 43/08** (2006.01); **A01N 43/12** (2006.01); **C07D 307/12** (2006.01); **C07D 307/42** (2006.01); **C07D 407/12** (2006.01); **H04L 1/00** (2006.01)

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## Cited by

US4493936A; AT390413B; AT398158B; AT397333B; US4579582A; AT399414B; EP0081893A3; US4594094A; US4400198A; US4439225A; EP0064306A1; AT398199B; AT392238B; EP0183650A1; AT387931B; US4497649A; AT392965B; AT396897B; AT399074B; EP0013581A1; DE3101461A1; AT394978B; US11032035B2; WO2016053320A1; EP4063016A1; WO2024108053A1; EP1621111A1; EP3982114A1; EP2420223B1

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