

Title (en)

LIPOXYGENASE OVEREXPRESSION IN PLANTS AND REDUCTION IN PLANT SENSITIVITY TO DISEASES AND ATTACKS FROM PATHOGENIC ORGANISMS

Title (de)

ÜBEREXPRESSION EINER LIPOXYGENASE IN PFLANZEN UND VERMINDERUNG DER EMPFÄNGLICHKEIT VON PFLANZEN GEGENÜBER PATHOGENBEFALL

Title (fr)

SUR-EXPRESSION D'UNE LIPOXYGENASE DANS LES PLANTES ET DIMINUTION DE LA SENSIBILITE DES PLANTES AUX MALADIES ET AUX AGRESSIONS PAR DES ORGANISMES PATHOGENES

Publication

**EP 1392834 A2 20040303 (FR)**

Application

**EP 02748941 A 20020606**

Priority

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- FR 0114358 A 20011107

Abstract (en)

[origin: FR2825580A1] Reducing the sensitivity of plants to diseases and attack by pathogens comprising overexpressing a lipoxxygenase (I) in the plants, is new. Independent claims are also included for the following: (1) expression cassette (EC) functional in plant cells and plants, comprising a constitutive plant promoter that controls expression of a sequence (II) encoding a (I) at least 90 % homologous with a 862 residue amino acid sequence (S1), given in the specification; (2) vector containing EC; (3) plant cells transformed to contain EC and/or the vector of (2); and (4) transformed plants containing EC, the vector of (2) and/or the cells of (3).

IPC 1-7

**C12N 15/82**; A01N 65/00; A01H 5/00

IPC 8 full level

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