

Title (en)  
PATHOGEN-RESISTANT TRANSGENIC PLANT

Title (de)  
PATHOGENRESISTENTE TRANSGENE PFLANZE

Title (fr)  
PLANTE TRANSGÉNIQUE RÉSISTANTE AUX PATHOGÈNES

Publication  
**EP 2820137 A1 20150107 (DE)**

Application  
**EP 13714189 A 20130226**

Priority  
• DE 102012003848 A 20120229  
• DE 2013000098 W 20130226

Abstract (en)  
[origin: CA2865208A1] The present invention provides pathogen-resistant transgenic plants which exhibit a resistance protein-mediated pathogen defence reaction in a cell of the plant under stringent control owing to a pathogen infection. In this case, as inducer of the pathogen defence, parts of avirulence proteins are used, the stable integration of which is possible by means of usual transformation methods. In addition, the invention relates to a composition of nucleic acids which, after integration into the genome of a plant, mediates the pathogen resistance therein, to a method for producing a pathogen-resistant plant, and to plants for producing a pathogen-resistant plant.

IPC 8 full level  
**C12N 15/82** (2006.01); **A01H 5/00** (2006.01)

CPC (source: EP US)  
**C12N 15/8239** (2013.01 - US); **C12N 15/8263** (2013.01 - EP US); **C12N 15/8279** (2013.01 - EP US); **C12N 15/8282** (2013.01 - EP US)

Citation (search report)  
See references of WO 2013127379A1

Citation (examination)  
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• DE 10318644 A1 20031224 - ICON GENETICS AG [DE]  
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• WLADIMIR I L TAMELING ET AL: "Resistance proteins: scouts of the plant innate immune system", EUROPEAN JOURNAL OF PLANT PATHOLOGY, KLUWER ACADEMIC PUBLISHERS, DO, vol. 121, no. 3, 27 September 2007 (2007-09-27), pages 243 - 255, XP019603291, ISSN: 1573-8469  
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Designated contracting state (EPC)  
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