

Title (en)  
ACELLULAR VACCINE.

Title (de)  
AZELLULÄRER IMPFSTOFF.

Title (fr)  
VACCIN ACELLULAIRE.

Publication  
**EP 0550558 A1 19930714 (EN)**

Application  
**EP 91917103 A 19910927**

Priority  
GB 9021004 A 19900927

Abstract (en)  
[origin: WO9205798A1] A vaccine suitable for use in inducing immunity to whooping cough in humans comprises a synergistic combination of the 69kDa antigen of Bordetella pertussis and toxoided lymphocytosis promoting factor of Bordetella pertussis.

Abstract (fr)  
Vaccin propre à immuniser les êtres humains contre la coqueluche, comprenant une combinaison synergique de l'antigène 69kDa du Bordetella pertussis et du facteur d'activation de la lymphocytose/atoxine du Bordetella pertussis.

IPC 1-7  
**A61K 39/10**

IPC 8 full level  
**A61K 39/10** (2006.01); **A61P 31/04** (2006.01); **C07K 14/235** (2006.01); **A61K 39/00** (2006.01)

CPC (source: EP)  
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**GB 9101669 W 19910927**; EP 91917103 A 19910927; EP 96110147 A 19910927; GB 9021004 A 19900927; JP 51740791 A 19910927