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— *as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))*

— *as to the applicant's entitlement to claim the priority of the earlier application (Rule 4.17(iii))*

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(54) Title: IMMUNOGENIC COMPOSITION

(57) Abstract: The present invention relates to fusion proteins comprising fragments from toxin A and/or toxin B of *Clostridium difficile*, in particular the invention relates to proteins comprising a first fragment and a second fragment, wherein (v) the first fragment is a toxin A repeating domain fragment; (vi) the second fragment is a toxin B repeating domain fragment; (vii) the first fragment has a first proximal end; (viii) the second fragment has a second proximal end; and wherein the first fragment and the second fragment are adjacent to one another and wherein the polypeptide elicits antibodies that neutralize toxin A or toxin B or both. The invention further relates to compositions comprising fragments or variants of SEQ ID NO:10, SEQ ID NO:11, SEQ ID NO:12, SEQ ID NO:13, SEQ ID NO:14, SEQ ID NO:15, SEQ ID NO:16, SEQ ID NO:17, SEQ ID NO:18, SEQ ID NO:19, SEQ ID NO:28, SEQ ID NO:29, SEQ ID NO:30, SEQ ID NO:31, SEQ ID NO:32, SEQ ID NO:33 or SEQ ID NO:34 or SEQ ID NO:35.

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