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(71) Applicant *(for all designated States except US)*: **INNOGENETICS N.V.** [BE/BE]; Technologiepark 6, B-9052 Ghent (BE).

(72) Inventors; and
(75) Inventors/Applicants *(for US only)*: **MAERTENS, Geert** [BE/BE]; Zilversparrenstraat 64, B-8310 Brugge (BE). **DEPLA, Erik** [BE/BE]; Burgstraat 58, B-9070 Destelbergen (BE). **BOSMAN, Fons** [BE/BE]; Hulst 165, B-1745 Opwijk (BE).

(74) Common Representative: **INNOGENETICS N.V.**; Intellectual Property Department, Industriepark Zwijnaarde 7, Box 4, B-9052 Ghent (BE).

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(54) Title: PURIFIED HEPATITIS C VIRUS ENVELOPE PROTEINS FOR DIAGNOSTIC AND THERAPEUTIC USE

(57) Abstract: The present invention relates to a method for purifying recombinant HCV single or specific oligomeric envelope proteins selected from the group consisting of E1 and/or E2 and/or E1/E2, characterized in that upon lysing the transformed host cells to isolate the recombinantly expressed protein a disulphide bond cleavage or reduction step is carried out with a disulphide bond cleavage agent. The present invention also relates to a composition isolated by such a method. The present invention also relates to the diagnostic and therapeutic application of these compositions. Furthermore, the invention relates to the use of HCV E1 protein and peptides for prognosing and monitoring the clinical effectiveness and/or clinical outcome of HCV treatment.