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(71) Applicant: **HAEMOSTATIX LIMITED** [GB/GB];
BioCity Nottingham, Pennyfoot Street, Nottingham NG1
1GF (GB).(72) Inventor: **ZBOZIEN, Renata**; c/o Haemostatix Limited,
BioCity Nottingham, Pennyfoot Street, Nottingham Not-
tinghamshire NG1 1GF (GB).(74) Agent: **CARRIDGE, Andrew**; Reddie & Grose LLP, 16
Theobalds Road, London Greater London WC1X 8PL
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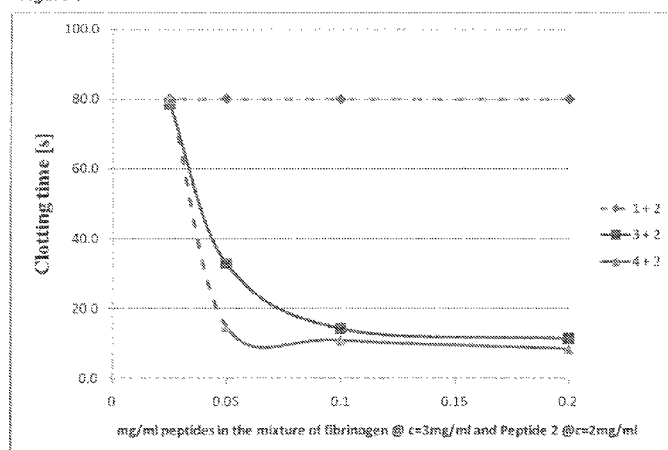
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(54) Title: PEPTIDE DENDRIMERS COMPRISING FIBRINOGEN-BINDING PEPTIDES

Figure 8



(57) Abstract: Peptide dendrimers and agents are described, which can be used for polymerising fibrinogen and as haemostatic agents. The peptide dendrimers comprise a branched core, and a plurality of fibrinogen-binding peptides separately covalently attached to the branched core. The branched core comprises: i) from two to ten multi-functional amino acid residues, wherein each fibrinogen-binding peptide is separately covalently attached to a multi-functional amino acid residue of the branched core; ii) a plurality of multi-functional amino acid residues, wherein one or more fibrinogen-binding peptides are separately covalently attached to each of at least two adjacent multi-functional amino acid residues of the branched core; iii) a plurality of multi-functional amino acid residues, wherein two or more fibrinogen-binding peptides are separately covalently attached to at least one of the multi-functional amino acid residues of the branched core; iv) a plurality of multi-functional amino acid residues, wherein two or more multi-functional amino acid residues are covalently linked through a side chain of an adjacent multi-functional amino acid residue; or v) a single multi-functional amino acid residue, and a fibrinogen-binding peptide is separately covalently attached to each functional group of the multi-functional amino acid residue. The multi-functional amino acid residues comprise tri- or tetra-functional amino acid residues, or tri- and tetra-functional amino acid residues, or the single multi-functional amino acid residue is a tri- or tetra-functional amino acid residue.