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(71) Applicant: GIVAUDAN SA [CH/CH]; Chemin de la Parfumerie 5, 1214 Vernier (CH).

(72) Inventors: EICHHORN, Eric; Kronenstrasse 39, 8006 Zurich (CH). SCHILLING, Boris; Rigiblickstrasse 9, 8934 Knonau (CH). WAHLER, Denis; 5 rue Henri Bergson, 31400 Toulouse (FR). FOURAGE, Laurent; 8 bis rue Michelet, 92150 Suresnes (FR). LOCHER, Esther; Wilstrasse 75, 8600 Duebendorf (CH).

(74) Agent: POWER, Bridget Claire; Ueberlandstrasse 138, 8600 Duebendorf (CH).

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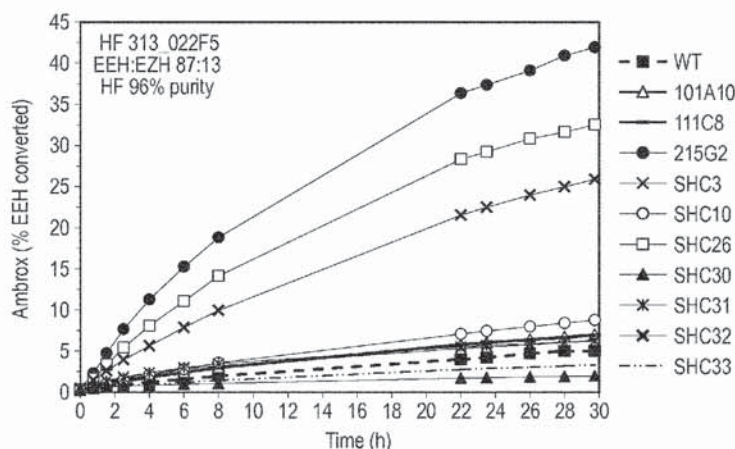


FIG. 7b

(57) Abstract: There is provided SHC/HAC derivatives, amino acid sequences comprising the SHC/HAC derivatives, nucleotide sequences encoding the SHC/HAC derivatives, vectors comprising nucleotide sequences encoding the SHC/HAC derivatives, recombinant host cells comprising nucleotide sequences encoding the SHC/HAC derivatives and applications of the recombinant host cells comprising either SHC/HAC derivatives or WT SHC/HAC enzymes in methods to prepare (-)-Ambrox and SHC/HAC enzymes in methods to prepare (-)-Ambrox.