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(54) Title: GLASSES THAT REDUCE NON-VISCOUS RELAXION FOR IMPROVED TOTAL PITCH VARIATION

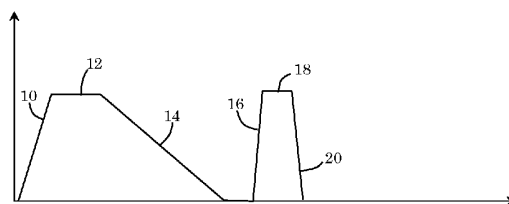


FIG. 1

(57) Abstract: Glass compositions are described having reduced non-viscous relaxation and improved total pitch variation. The glass composition comprises, on an oxide basis: 69.25 mol.% $\leq$ SiO₂ $\leq$ 70.75 mol.%; 12.00 mol.% $\leq$ Al₂O₃ $\leq$ 13.50 mol.%; 1.00 mol.% $\leq$ B₂O₃ $\leq$ 2.00 mol.%; 4.00 mol.% $\leq$ MgO $\leq$ 6.00 mol.%; 5.00 mol.% $\leq$ CaO $\leq$ 6.50 mol.%; 0.00 mol.% $\leq$ SrO $\leq$ 1.50 mol.%; 2.50 mol.% $\leq$ BaO $\leq$ 4.00 mol.%; 0.00 mol.% $\leq$ TiO₂ $\leq$ 1.50 mol.%; 0.00 mol.% $\leq$ ZnO $\leq$ 0.75 mol.%; 0.00 mol.% $\leq$ Y₂O₃ $\leq$ 1.00 mol.%; 0.00 mol.% $\leq$ La₂O₃ $\leq$ 1.00 mol.%; and 0.00 mol.% $\leq$ P₂O₅ $\leq$ 0.50 mol.%.

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