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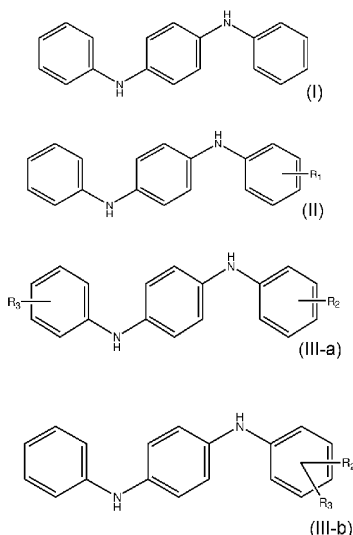
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(54) Title: NOVEL AND LONG-ACTING RUBBER ANTI-DEGRADANT AND RUBBER COMPOSITION COMPRISING THE SAME FOR TIRES



(57) Abstract: Novel and long-acting rubber anti-degradant and rubber composition comprising the same for tires. The anti-degradant comprises at least two compounds, each of which is selected from a compound of Formula I, II, III-a, or III-b; and each of the compounds have different formulae from others, and can't be compounds of formula III-a and III-b at the same time when the anti-degradant consists of only 2 compounds. The anti-degradant is used to provide a rubber composition with improved long-term resistance to thermo-oxidative aging and ozone aging.

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