20

40

-continued

PAG 4 $I \longrightarrow CF_2$ $I \longrightarrow CF_2$ $I \longrightarrow CF_2$ $I \longrightarrow I$ $I \longrightarrow I$ $I \longrightarrow I$

Comparative Quenchers 1 to 7 of the following structural formulae $\,$

Comparative Quencher 1

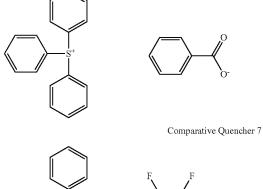
25

Comparative Quencher 3

45

SO₃
50

-continued Comparative Quencher 5 $H_2N \longrightarrow 0$ Comparative Quencher 6



Water-repellent polymers 1 and 2

 $\begin{array}{c} \text{Water-repellent polymer 1} \\ \\ \text{CF}_2 \\ \\ \text{F}_2 \\ \text{C} \\ \text{CF}_3 \end{array}$ $\begin{array}{c} \text{Mw} = 8,900 \\ \text{Mw/Mn} = 1.96 \end{array}$

$$Mw/Mn = 1.96$$

$$Water-repellent polymer 2$$

$$60$$

$$CF_3$$

$$CF_2$$

$$F_2C$$

$$CF_3$$

$$Mw = 9,300$$

$$65$$

$$Mw/Mn = 1.87$$