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**Laurent**

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(54) **POLYOLEFINS AND USES THEREOF**

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(58) **Field of Search** ..... **524/240, 319, 524/324**

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(57) **ABSTRACT**

Provided is a high density multimodal polyethylene, having a shear ratio (SR) of 18 or more and comprising at least 20% by weight of a high molecular weight fraction, which high molecular weight fraction has:

- (a) a density ( $\rho$ ) of 0.930 g/cm<sup>3</sup> or less; and
- (b) a high load melt index (HLMI) of 0.30 g/10 mins or less.

**18 Claims, No Drawings**