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[NZ/AU]; 19 Hordern Street, Newtown, New South Wales
2042 (AU). **HUGHES, Robert, John** [AU/AU]; 45/17
River Street, Marden, South Australia 5070 (AU).

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(74) Agents: **CAINE, Michael, James** et al.; DAVIES COL-
LISON CAVE, 1 Little Collins Street, Melbourne, Victoria
3000 (AU).

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(71) Applicant (*for all designated States except US*): **UNIVER-
SITY OF SYDNEY** [AU/AU]; Sydney, New South Wales
2000 (AU).

(72) Inventors; and

(75) Inventors/Applicants (*for US only*): **SUCH, Christo-
pher, Henry** [GB/AU]; 3 Cassiobury Avenue, Mount
Eliza, Victoria 3930 (AU). **RIZZARDO, Ezio** [AU/AU];
26 Alex Avenue, Wheelers Hill, Victoria 3150 (AU).
SERELIS, Algirdas, Kazimieras [AU/AU]; 40 Alvie
Road, Mount Waverley, Victoria 3149 (AU). **HAWKETT,
Brian, Stanley** [AU/AU]; 1 Jedda Place, Mona Vale, New
South Wales 2103 (AU). **GILBERT, Robert, Goulston**
[AU/AU]; 77/19 Queen Street, Newtown, New South
Wales 2042 (AU). **FERGUSON, Christopher, James**

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(54) Title: AQUEOUS DISPERSIONS OF POLYMER PARTICLES

(57) Abstract: The invention provides a method for preparing an aqueous dispersion of polymer particles comprising the following steps: (i) preparing a dispersion having a continuous aqueous phase, a dispersed organic phase comprising one or more ethylenically unsaturated monomers, and an amphiphilic RAFT agent as a stabiliser for said organic phase, and (ii) polymerising said one or more ethylenically unsaturated monomers under the control of said amphiphilic RAFT agent to form said aqueous dispersion of polymer particles, novel amphiphilic RAFT agents for use in this method, novel RAFT agents useful in making these amphiphilic RAFT agents and methods for their manufacture.



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