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(71) Applicant (for all designated States except US): **CIPLA LIMITED** [IN/IN]; 289 Bellasis Road, Mumbai Central, Mumbai 400 008 (IN).

(71) Applicant (for ML only): **TURNER, Craig, Robert** [GB/GB]; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **LULLA, Amar**

[IN/IN]; 131 Maker Towers 'L', 13th Floor, Cuffe Parade, Colaba, Mumbai 400 005, Maharashtra (IN). **MALHOTRA, Geena** [IN/IN]; 4 Anderson House, Opposite Mazgaon Post Office, Mazgaon, Mumbai 400 010, Maharashtra (IN). **RAO, Dharmaraj, Ramchandra** [IN/IN]; 4/403, Garden Enclave, Pokhran Road 2, Thane (W) 400 601, Maharashtra (IN). **KANKAN, Rajendra, Narayanrao** [IN/IN]; A-3/5, N.B.D. Society, N.S.S. Road, Ghatkopar, Mumbai 400 084, Maharashtra (IN). **CHAUDHARY, Alka** [IN/IN]; Plot No-57, House No-102, MCCCH Society, Panvel 410 206, Maharashtra (IN).

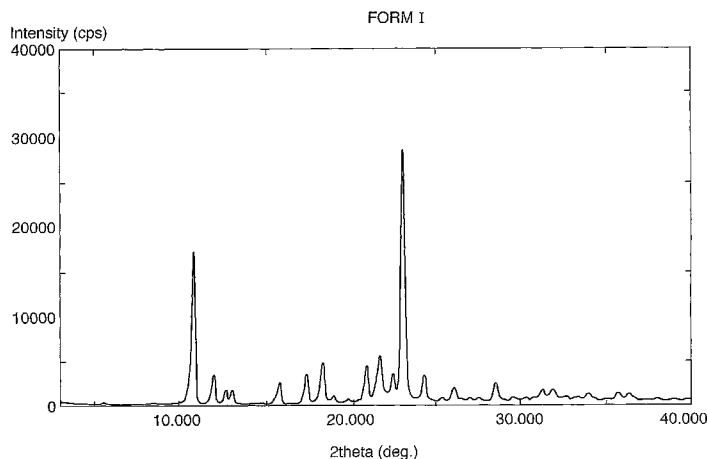
(74) Agents: **TURNER, Craig, Robert** et al.; A.A. Thornton & Co., 235 High Holborn, London WC1V 7LE (GB).

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(54) Title: PHARMACEUTICAL COMPOUNDS AND COMPOSITIONS



(57) Abstract: The invention provides three polymorphic forms of crystalline levosalbutamol sulphate designated herein as Forms (I), (II) and (III). Crystalline levosalbutamol sulphate Form I is characterised by a powder XRD pattern with peaks at 10.8, 11.9, 13.0, 18.3, 28.5 ± 0.2 degrees 2 theta. Crystalline levosalbutamol sulphate Form (II) is characterised by a powder XRD pattern with peaks at 8.7, 9.6, 15.2, 15.7, 19.1, 27.2, 30.7 ± 0.2 degrees 2 theta. Crystalline levosalbutamol sulphate Form (III) is characterised by a powder XRD pattern with peaks at 5.5, 6.9, 7.3, 18.7 ± 0.2 degrees 2 theta. Processes for making the new polymorphic forms and pharmaceutical compositions comprising them are also provided. A pharmaceutical composition comprises a therapeutically effective isomer of salbutamol or a salt, solvate, ester, derivative or polymorph thereof, a glucocorticoid and a pharmaceutically acceptable carrier or excipient and optionally one or more other therapeutic agents. Preferably the composition is an aerosol formulation comprising the drugs, a propellant and optionally one or more other ingredients, such as a surfactant, cosolvent, or bulking agent. Alternatively, DPI or inhalation suspensions may be used.

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