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(54) **PROGENITOR CELLS FROM WHARTON'S JELLY OF HUMAN UMBILICAL CORD**

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(52) **U.S. Cl.** ..... **435/380**; 435/325; 435/366; 435/374; 435/383

(58) **Field of Classification Search** ..... None  
See application file for complete search history.

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(57) **ABSTRACT**

Human progenitor cells are extracted from perivascular tissue of human umbilical cord. The progenitor cell population proliferates rapidly, and harbours osteogenic progenitor cells and MHC-/- progenitor cells, and is useful to grow and repair human tissues including bone.

**6 Claims, 17 Drawing Sheets**