



[12] Patent

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[21] Application No.: GCC/P/2001/1150 [22] Filing Date: 20/01/2001 [30] Priority: [31] Priority No. [32] Priority date [33] State 2000/0046 21/01/2000 BE [72] Inventors: 1- Martine Cornette, 2- Lurent Lefebvre, 3- Eric Vandevijver [73] Owner: Innovene Manufacturing Belgium N.V., Scheldelaan 482, 2040 Antwerpen, Belgium [74] Agent: Saud M. A. Shawwaf	[51] Int. Cl. ⁷ : C08F 255/02, 210/02; B29C 47/00 [56] Cited Documents: - US 4689369 A (ISHINO et al.) 25 August 1987 - US 4529750 A (GIMPEL) 16 July 1985 - US 3646155 A (HENRY GEORGE SCOTT et al.) 29 February 1972

[54] COMPOSITION BASED ON A CROSSLINKABLE POLYETHYLENE

[57] Abstract: Composition based on a crosslinkable polyethylene comprising from 0.05 to 0.24 hydrolysable silane groups per 100 -CH₂- units and having a standard density SD of at least 954 kg/m³ and a melt flow index MI₅ of less than 1.5 g/10 min. Pipes for the transportation of fluids under pressure, which can be obtained by extruding this composition and then hydrolysing it.

No. of claims: 13