

Title (en)  
LIQUID PACKAGES HAVING IMPROVED LEAKER FREQUENCY PERFORMANCE

Title (de)  
FLÜSSIGKEITSVERPACKUNGEN MIT VERBESSERTER UNDICHTIGKEITS-FREQUENZLEISTUNG

Title (fr)  
EMBALLAGES CONTENANT DES LIQUIDES A ETANCHEITE AMELIOREE

Publication  
**EP 1112321 A1 20010704 (EN)**

Application  
**EP 99939289 A 19990820**

Priority  
• CA 9900775 W 19990820  
• US 9742798 P 19980821

Abstract (en)  
[origin: WO011074A1] A pouch for containing a flowable material, said pouch being made from a film in tubular form and having transversely heat-sealed ends, said film comprising at least one layer made from a material comprising from about 70 to about 100 parts of at least one interpolymer of ethylene and a C3-C20 alpha-olefin having a density of from 0.840 to 0.940 g/cm<sup>3</sup> and a melt index of 0.01 to 2.0 dg/min, and from about 0 to about 30 parts by weight of at least one high-pressure polyethylene having a density of at least about 0.916 g/cm<sup>3</sup> and a melt index of from about 0.01 to about 2 dg/min, said film having an overall melt strength of from about 10 to about 15 centiNewtons as determined using a Goettfert Rheotens unit at 190 DEG , and the transverse seal integrity of the pouch is such that leaker frequency rate for pouches, as measured in terms of 10,000 pouches produced, is substantially reduced as compared with the leaker frequency rate for pouches produced from films having a melt strength outside the specified range. Also described is a process for making such pouches.

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