

Title (en)  
Method and apparatus for improved fracpacking or gravel packing operations

Title (de)  
Verfahren und Vorrichtung zum Einbringen einer Fracpackung oder Kiespackung

Title (fr)  
Procédé et dispositif pour installer un filtre à fracturation ou un filtre à graviers

Publication  
**EP 1160417 A2 20011205 (EN)**

Application  
**EP 01304633 A 20010525**

Priority  
US 58330500 A 20000530

Abstract (en)  
Methods and apparatus for completing an unconsolidated subterranean zone penetrated by a well bore (510) are provided. The methods basically comprise the steps of placing a pre-packed screen (521) having an outer screen and an inner screen in the zone whereby an annulus (522) formed between the inner and outer screen is packed with sand, placing a shroud (520) in the zone, isolating the screens (521), shroud (520), and well bore (510) in the zone, and injecting particulate material into the annuli between the outer screen and the shroud (520) and between the shroud (520) and the well bore (510) to thereby form packs of particulate material therein to prevent the migration of fines and sand with produced fluids. <IMAGE>

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**E21B 43/04**; **E21B 43/08**

IPC 8 full level  
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Cited by  
CN101429770A; EP1284336A1; US9816361B2; US11391125B2; US7938184B2; US8011437B2; US8347956B2; US8356664B2; US8430160B2; US10012032B2

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