

Title (en)

GRAVEL PACK FOR PETROLEUM OR WATER WELLS.

Title (de)

FILTERKIESFÜLLUNG FÜR ERDÖL-BOHRLÖCHER ODER WASSERBRUNNEN.

Title (fr)

AGGLOMERAT DE GRAVIER POUR PUITS DE PETROLE OU D'EAU.

Publication

EP 0348463 A4 19900308 (EN)

Application

EP 88910446 A 19881027

Priority

US 11466587 A 19871029

Abstract (en)

[origin: WO8903926A1] Prefabricated gravel pack for petroleum and water wells are prepared by combining gravel (in the appropriate sizes or particle size mixtures), and binder in a slurry and then casting the slurry on a cylindrical form or mold. In order to provide enhanced integrity to the granular mass, a wire cage (354) is used as reinforcement for the molded product. The wire cage is placed around the mold and the slurry (352) cast so as to incorporate the reinforcement within the body of the resultant cured product. The mold can, thereafter, be removed leaving a free-standing, prefabricated gravel pack. In one of the preferred embodiments of this invention, a perforated or slotted pipe (350) is used as a form upon which the slurry is cast. This perforated or slotted pipe can be retained in the finished product and, thus, provide additional physical integrity thereto. The perforated pipe also provides a relatively smooth surface for the channel defined by the gravel pack.

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Citation (search report)

- [X] US 2392263 A 19460101 - RECORDS CHESTER E
- [A] DE 1800852 A1 19710603 - DEGEN WILHELM DIPL ING
- See references of WO 8903926A1

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DOCDB simple family (publication)

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