

Title (en)

PROPPANT STORAGE AND TRANSFER SYSTEM AND METHOD

Title (de)

STÜTZMITTELAGERUNGS- UND -TRANSPORTSYSTEM UND -VERFAHREN

Title (fr)

SYSTÈME ET PROCÉDÉ DE STOCKAGE ET DE TRANSFERT D'AGENT DE SOUTÈNEMENT

Publication

EP 3274239 A4 20181205 (EN)

Application

EP 15888060 A 20151027

Priority

- US 201562139323 P 20150327
- US 201514738485 A 20150612
- US 201514922836 A 20151026
- US 2015057601 W 20151027

Abstract (en)

[origin: WO2016160067A1] Embodiments of the present disclosure include a rail car for supporting and transporting one or more containers storing proppant therein. A spine member extends from a first end to a second end of the rail car, and having a variable height that is greater at a midpoint than at the ends. A bolster is arranged on a top surface of the spine member, extends laterally in two directions, and has a greater width proximate the spine member than at a distal end. A mounting platform is positioned on the distal end of the bolster, has a container surface that receives the one or more containers, and extends vertically from the bolster to position the container above a top surface of the bolster. A locking assembly is positioned on the mounting platform and secures the one or more containers to the rail car when moved to a locked position.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

- [XAI] US 4947760 A 19900814 - DAWSON RICHARD W [US], et al
- See references of WO 2016160067A1

Designated contracting state (EPC)

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US 2015057601 W 20151027; AU 2015390112 A 20151027; AU 2019200979 A 20190212; BR 112017020671 A 20151027; CA 2979663 A 20151027; CN 201580078336 A 20151027; CO 2017009573 A 20170921; EP 15888060 A 20151027; MX 2017012375 A 20151027