

2 results for Cited Patents In category X or Y - Collection: FAMPAT

#	Title	Publication number	1st App. date	Applicant/Assignee	1st Publ. date	Publ. date
1.	Cross contamination control systems with fluid product id sensors	US2014129038	2013-11-08	CAPITAL FORMATION* KNAPPCO	2014-05-08	2014-05-08
A crossover protection system including a product transport vehicle (15) having a tank compartment (25) for containing a liquid product, a fluid property sensor (130) positioned to contact liquid product stored in the tank compartment (25), a system controller (70), and a valve (45) coupled to the tank compartment (25). The valve (45) regulates a flow of liquid product from the tank compartment (25) and has a normally locked state. The system controller (70) may compare a received transported liquid type signal from the fuel property sensor (130) indicative of the type of liquid product in the tank compartment (25) and compare the type of liquid product to a stored liquid product type. If the two types match, the crossover protection controller transitions the valve (45) to an unlocked state to allow the liquid product to unload from the tank compartment (25). If the two types do not match, the crossover protection controller will disable the valve (45) from transitioning to the unlocked state.						
2.	Securing product storage tanks against unauthorized delivery	WO2013023129	2012-08-10	SONECO*	2013-02-14	2013-02-14
A system prevents unauthorized delivery of product to a bulk storage tank, allows authorized delivery, and controls the flow of product at a product entry port of the tank. A remote controlled valve includes a disk flap that is displaceable between an opened position and a closed position, and a disk displacement assembly including a motor coupled with the disk flap. The disk displacement assembly includes a lock feature that locks the disk flap in the opened position and the closed position. A controller is cooperable with the disk displacement assembly and controls activation of the motor. The disk displacement assembly includes a spring transmission assembly interposed between the motor and an axle of the disk flap. The spring transmission assembly permits displacement of the motor when the disk flap is blocked in the opened position or the closed position.						