

Title (en)

Device for automatic unwinding and winding of a high-pressure cleaning hose connected to a suction pipe installed on a combined sewer-cleaning vehicle

Title (de)

Automatische Auf- und Abrollvorrichtung für einen Hochdruckreinigungsschlauch, der mit einem Ansaugrohr eines kombinierten Rohrreinigungsfahrzeugs verbunden ist

Title (fr)

Dispositif d'enroulage et de déroulage automatique d'un flexible de nettoyage haute pression associé à un tuyau d'aspiration équipant un véhicule combiné hydrocureur

Publication

EP 2458099 B1 20160713 (FR)

Application

EP 11190880 A 20111128

Priority

FR 1059862 A 20101129

Abstract (en)

[origin: EP2458099A1] The device has a hose winder (7) moving in rotation around a horizontal axis, and a hose unwinder (8) equipped with a drum moving in rotation. A high pressure cleaning hose (4) forms a loop around the drum by constant contact with the drum. An articulated telescopic arm (9) moves along rotation co-axially to the hose unwinder at one of ends and carries the high pressure cleaning hose unwound by the unwinder and a suction pipe (5). The telescopic arm is inclined with respect to horizontal direction.

IPC 8 full level

E03F 7/10 (2006.01)

CPC (source: EP)

E03F 7/10 (2013.01); **E03F 7/103** (2013.01); **E03F 7/106** (2013.01)

Cited by

CN110629818A; CN104444630A; CN106522357A; CN113833098A; EP3816358A1; CN112779975A; CN107434189A; US10640966B2; EP3800090A1; FR3101293A1; EP2884017A1; EP3269888A3; EP3269888A2

Designated contracting state (EPC)

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