

Title (en)

Device for securing the continuous feeding of a spraying nozzle with a homogeneous mixture of dry or wet particulate materials

Title (de)

Vorrichtung zum kontinuierlichen Zuführen einer Lanze zum Spritzen einer homogenen Mischung aus Partikeln bestehender trockener oder feuchter Stoffe

Title (fr)

Dispositif permettant d'assurer l'alimentation continue d'une lance de projection d'un mélange homogène de matières "particulaires" sèches ou humides

Publication

EP 0588737 B1 19970423 (FR)

Application

EP 93420371 A 19930917

Priority

FR 9211355 A 19920918

Abstract (en)

[origin: EP0588737A1] This device (6) is placed beneath the feed hopper (4) of a spraying installation and serves to feed the gun. It includes: - a flexible connecting conduit (hose) (9) which bears against a fixed surface and connects the outlet of the hopper (4) to the inlet of the conduit (2) bringing the mixture to the gun; - a movable assembly which is moved in the direction of discharge of the product and is fitted with protuberances (20, 21) squashing (compressing) the tube (9) in a sealed manner, so that the air contained in the said tube (9) is forced out via the front and creates a suction action at the rear; - a compression element (22) which is placed downstream of the feed hopper (4) and makes it possible, when the movable assembly moves and releases the squashing of the tube (9), to prevent back-flow towards the hopper (4). <IMAGE>

IPC 1-7

B28B 1/32; **E04F 21/08**

IPC 8 full level

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CPC (source: EP)

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Cited by

CN104324666A; CN102872758A; WO9928221A1

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