

Title (en)

DISTRIBUTOR DEVICE FOR THICK MATTER

Title (de)

VERTEILERVORRICHTUNG FÜR DICKSTOFFE

Title (fr)

DISPOSITIF DISTRIBUTEUR POUR MATIERES EPAISSES

Publication

EP 1290292 A1 20030312 (DE)

Application

EP 02706752 A 20020228

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- EP 0202161 W 20020228

Abstract (en)

[origin: WO02072978A1] The invention relates to a distributor device for thick matter, especially for concrete. The distributor device (16) comprises a concrete distributing boom (18) carrying a conveying conduit (20), which has at least two boom arms (30 to 36) that can be swiveled about horizontal articulation axes (38 to 44) relative to one another or relative to a boom support (26). At least one of the boom arms, preferably the base arm (30), is telescopically movable. In order to be adaptable to the telescoping movements, the conveying conduit is assembled from three interlinked conduit sections in the area of the telescoping boom arm. A first conduit section (58) is rigidly linked with the stationary member (46), while a second conduit section (60) is rigidly linked with the extensible telescoping member (48). The device further comprises an intermediate section (62) which is connected with its ends (64, 66) to the first and the second conduit section (58, 60) and which is configured as a flexible pipe. Said pipe has a 180 DEG arch (70) with constant bend that travels when the boom arm telescopes.

IPC 1-7

E04G 21/04

IPC 8 full level

E04G 21/04 (2006.01)

CPC (source: EP US)

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