

Title (en)

Method of making openings in collecting tubes and apparatus for doing so

Title (de)

Verfahren zur Herstellung von Durchzügen in Sammelrohren und Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé de fabrication d' ouvertures dans des tubes collecteurs et moyen pour sa mise en oeuvre

Publication

EP 1563925 B1 20080528 (DE)

Application

EP 05001631 A 20050127

Priority

DE 102004007686 A 20040216

Abstract (en)

[origin: EP1563925A1] A two-part process creates a side-slit for a flat pipe inserted in the sidewall of a thick-walled collector pipe (2) forming part of a heat exchange assembly. In the first stage the thickness of the pipe wall is reduced by a peeling die (6). In the second stage the remaining material is displaced by a punch (8). Also claimed is a commensurate assembly (1).

IPC 8 full level

B21D 28/28 (2006.01)

CPC (source: EP)

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Cited by

CN104384370A; CN101890452A; CN103692157A; CN103862232A; CN104084475A; CN101954414A; CN108817220A

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