

Title (en)
CONNECTION SYSTEM

Title (de)
VERBINDUNGSSYSTEM

Title (fr)
SYSTÈME DE CONNEXION

Publication
EP 3074684 A1 20161005 (DE)

Application
EP 15701307 A 20150113

Priority
• EP 14151885 A 20140121
• EP 2015050480 W 20150113
• EP 15701307 A 20150113

Abstract (en)
[origin: WO2015110314A1] It is the intention for a connecting system (1) for detachably connecting a first pipe end (2) to a second pipe end (4), wherein the first pipe end (2) has a sealing cone (6) facing toward the second pipe end (4) and, on its outer side, has a shoulder section (10), to ensure the function and security of the connection between two pipe or hose ends, to be particularly easy to assemble and at the same time to exhibit a particularly long service life. For this purpose, said connecting system comprises a first clamping disk (12), which surrounds the first pipe end (2) in a flush manner and which is arranged on that side of the shoulder section (10) which is averted from the sealing cone (6), a second clamping disk (16), which surrounds and is connected to the second pipe end (4), and a multiplicity of screws (20), which detachably connect the first clamping disk (12) to the second clamping disk (14), wherein that section of the first clamping disk (12) which surrounds the first pipe end (2) is in the form of a separate circular disk ring (26) which is detachably connected to the rest of the clamping disk (12), wherein the circular disk ring (26) comprises multiple separate circular disk ring parts (30), in particular two circular disk ring halves (30), and wherein the outer diameter of the circular disk ring (26) is greater than the diameter of the shoulder section (10) provided on the first pipe end (2).

IPC 8 full level
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CPC (source: EP US)
F16L 21/04 (2013.01 - US); **F16L 23/0286** (2013.01 - EP US)

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Designated extension state (EPC)
BA ME

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