

Title (en)
Moulded insulating collector

Title (de)
GEFORMTER, ISOLIERENDER KOLLEKTOR

Title (fr)
CADRE MONOBLOC MOULÉ ET COLLECTEUR LES COMPRENANT

Publication
EP 2419679 A2 20120222 (FR)

Application
EP 10717186 A 20100407

Priority

- FR 2010000293 W 20100407
- EP 09005506 A 20090417
- EP 10717186 A 20100407

Abstract (en)
[origin: EP2241841A1] The collector has an expandable plastic frame constituted by a case (11) on which a bottom constituted by an expandable insulating plastic plate is applied, where the collector is partly made of expandable insulating plastic material and obtained by sacrificial plastic mold technique or Sumiceller(RTM: foamed polypropylene sheet) technique. A reinforcement or flameproof charge e.g. organic charge, mineral filler, nanoparticle, conductive charge, long or short glass fiber, organic fiber, natural or organic natural fiber, is added to the expandable insulating plastic material.

IPC 8 full level
F24J 2/04 (2006.01); **F24J 2/46** (2006.01); **F24J 2/51** (2006.01); **F24J 2/52** (2006.01)

CPC (source: EP US)
F24S 80/457 (2018.04 - EP US); **F24S 80/65** (2018.04 - EP US); **F24S 2080/015** (2018.04 - EP US); **Y02E 10/40** (2013.01 - EP US)

Citation (search report)
See references of WO 2010119185A2

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Designated extension state (EPC)
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