

Title (en)
Cooling line apparatus

Title (de)
Kühlstrecke

Title (fr)
Dispositif de refroidissement en ligne

Publication
EP 1152198 B1 20041110 (FR)

Application
EP 01400867 A 20010404

Priority
FR 0005645 A 20000503

Abstract (en)
[origin: EP1152198A1] A device chills articles on a conveyor using dry ice. The device has a dry ice generator connected to projection chamber whose opposite end is open. A continuous supply of gaseous carbon dioxide is also connected to chamber. An Independent claim is included for the following: (a) Equipment making a fresh creamy or paste like food product has a conveyor, stations forming product, cutting it into separate articles and packaging it and also a chilling device as above. Preferred Features: The gaseous carbon dioxide is produced from liquid carbon dioxide and supplied at about 0 degrees C. The dry ice is also produced from the same liquid. The gas comes via a distributor and a pipe to the chambers. The chambers are supported by the distributor via the pipe.

IPC 1-7
F25D 3/12; **F25D 29/00**

IPC 8 full level
F17C 7/00 (2006.01); **F17C 7/02** (2006.01); **F25D 3/12** (2006.01); **F25D 29/00** (2006.01)

CPC (source: EP)
F17C 7/00 (2013.01); **F17C 7/02** (2013.01); **F25D 3/127** (2013.01); **F25D 29/001** (2013.01); **F17C 2205/0323** (2013.01); **F17C 2205/0326** (2013.01); **F17C 2221/013** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2250/06** (2013.01); **F17C 2265/015** (2013.01)

Cited by
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EP 1152198 A1 20011107; **EP 1152198 B1 20041110**; AT E282183 T1 20041115; DE 60107008 D1 20041216; DE 60107008 T2 20060316; ES 2231402 T3 20050516; FR 2808585 A1 20011109; FR 2808585 B1 20020628

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