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(71) Applicant: HUSSMANN CORPORATION Bridgeton Missouri 63044 (US) (72) Inventors:

Shapiro, Doron
 St. Louis, Missouri 63119 (US)

Street, Norman E.
 O'Fallon, Missouri 63366 (US)

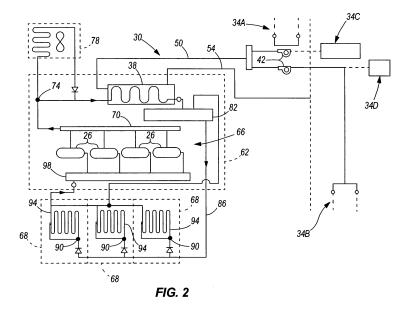
 (74) Representative: Holmes, Matthew Peter et al Marks & Clerk, Sussex House,
 83-85 Mosley Street

Manchester M2 3LG (GB)

(54) Strategic modular refrigeration system with linear compressors

(57) A modular commercial refrigeration unit constructed and arranged for placement in strategic proximity to a plurality of associated product cooling zones within a shopping area includes a refrigeration rack proximate to a shopping area and configured to accommodate maximum refrigeration loads of the associated product cooling zones. The refrigeration rack has an optimum footprint. The refrigeration rack is constructed to support components of a closed refrigeration circuit including as-

sociated high side and low side refrigerant delivery and suction means extending from the rack and being operatively connected to a plurality of evaporators for cooling the associated product cooling zones. The modular refrigeration unit also includes a linear compressor and a cooling source remote from the refrigeration unit that provides a cooling relationship with a condenser for providing optimum condensing and efficiency of the evaporators in cooling the associated product cooling zones.





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Application Number EP 05 25 5583

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ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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