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(57) Abstract: A catalyst system comprising: (a) one or more bisarylimino pyridine iron or cobalt catalysts; (b) a first co-catalyst compound which is selected from aluminium alkyls, aluminoxanes, and mixtures thereof; and (c) a second co-catalyst compound which comprises one or more compounds of the formula ZnR'_2 wherein each R' , which may be the same or different, is selected from hydrogen, optionally substituted C_1 - C_{20} hydrocarbyl, phenyl, C1, Br, I, SR'' , NR'' , 2, OH, OR'' , CN, NC wherein R'' , which within the same molecule may be the same or different, is C_1 - C_{20} hydrocarbyl.



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